CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Gas pipe line, Oklahoma and Texas, Phillips Petroleum Co., made preliminary plans, $10,000,000.

Silk factory, Old Hickory, Tenn., Dupont Rayon Co. having plans prepared, $4,000,000.

High school, Trenton, N. J., Bd. Educ. having plans prepared, $3,000,000.

Grocery store and office, Chicago, Ill., Tebbets & Garland having preliminary sketches made, $2,000,000.

Club, Chicago, Ill., Chicago Beach and Country Club, having sketches made, $2,000,000.

Gas plant, Piscataway town, N. J., Internat'l Combustion Engine Corp., having plans prepared, $1,500,000.

Training school, Philadelphia, Pa., University of Pennsylvania, plans, $1,500,000.

Apartment, South Orange, N. J., Kuskin and Rothberg, having sketches made, $1,500,000.

Bank and office, Tulsa, Okla., Exchange Trust Co., plans prepared, $1,000,000.

Waterworks, Hood River, Ore., making surveys and plans new waterworks, $1,000,000.

Bids Desired

Bridge, Paducah, Ky., Bridge Committee, bids open Aug. 22, $2,100,000.

Bridge, Chicago, Ill., Com. Pub. Works, bids open Aug. 30, $1,500,000.

Seminary, West Hartford, Conn., St. Thomas Seminary, taking bids, $1,000,000.

Bids Received

High school, Hyde Park, Mass., Schoolhouse Dept. from P. Caputa, $1,123,550.

Contracts Awarded

Power plant, Beaumont, Texas, Gulf State Utilities Co., will build by day labor, $4,000,000.

Theater, Louisville, Ky., Theater Realty Corp. to G. A. Fuller & Co., $1,000,000.

Memorial, Louisville, Ky., Louisville Memorial Comn., to Struck Constr. Co., $726,000.

News of the Week

Waterworks

Proposed Work

N. J., Seaside Heights — Making plans drilling two 12-in. wells, 175 ft. deep for waterworks system. $5,000.

W. Va., Grafton—Voted $140,000 bonds, new filtration plant. J. M. Rice, Oliver Bldg., Pittsburgh, Pa., engr. Noted Jan. 12.

Ill., Highland Park—See "Sewers."

Kan., Brookville—Making plans extending waterworks. $25,000. S. A. Sulentic, Constr. & Eng. Co., New England Bldg., Topeka, engr.

N. D., Lehigh—See "Buildings Industrial."

Mont., Kevin—Voted $65,000 bonds, constructing waterworks. A. W. Furber, town clk.

Mo., Savannah—Voted $85,000 bonds, impounding reservoir, filtration plant, etc. J. W. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs. Noted Mar. 25, 1926.

Tex., Rotan—Plans new waterworks improvements outside city limits, extending mains, etc. $150,000. Hawley & Roberts, c/o Leader Bldg., Lubbock, engrs.

Tex., San Benito—See "Unclassified."

Tex., Weslaco — Making preliminary plans water filtration plant. $40,000 bond election soon for same. B. T. Sanders, Weslaco, engr.

Tex., West Vernon—Making plans 400,000 g.p.d. complete waterworks. $25,000. Address Mayor.

Okla., Anadarko—Voted $35,000 bonds, main extensions, incl. 9,900 ft. 4 and 6 in. c.i. pipe. R. Cleveland, mayor. Noted July 7.

Okla., Cordell—Voted $26,500 bonds, new settling basin and main extension. F. Ford, Cordell, engr. Noted June 23.

Okla., Goteba—Plans new water supply and extensions. $15,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted May 19.

Okla., Hobart—Making preliminary plans main extension. $65,000. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Oklahoma City—Made preliminary plans 21,000 ft. 4- to 8-in. mains in Lincoln Terrace Addition. $40,000. B. M. Hart, City Hall engr.

Okla., Renfrow — Making preliminary plans new waterworks, incl. c.i. mains, etc. $15,000. H. Lester, mayor. Engineer not selected.

Okla., Ryan—Voted $15,000 bonds, pump station, Triplex pump and motor, main extension, incl. 7,800 ft. 4 and 6 in. c.i. mains. F. E. Devlin, Bitting Bldg., Wichita, Kan., engr.

Ore., Hood River—Making surveys and plans new waterworks with source from Lost Lake. $1,000,000. Clark & Hurlburt, Hood River, engr.

Ont., Port Arthur—Making plans 1½ mi. 6-in. c.i. mains, for waterworks system. Engrs. est. $24,000. J. Antonisen, City Hall, engr.

Ont., Toronto—York Twp. making plans 1 mi. 6-in. c.i. mains, valves, hydrants, etc., on Rushton Rd., Snider and Sydney Aves. $15,000. F. B. Goedike, 40 Jarvis St., engr.

Bids Desired

N. Y., Long Island—Aug. 23, by N. J. Hayes, comr., Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Alderton and 41st Aves., 52nd and 54th Sts., Park Lane and 55th Pl., 68th Rd., 2nd Ward; Rose, 27th, 33rd, 43rd, 44th, and 48th Aves., 197th, 198th, 207th, 209th, 13th, 220th and 243rd Sts., etc., 3rd Ward, here.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

N. Y., New York—Aug. 23, by N. J. Hayes, comr., Water Supply, Gas & Electricity, Municipal Bldg., 36 in. steel mains in Central Park and 5th Ave., Manhattan Boro, also Barker, Bruner, Cambreling, Cambridge, Commonwealth, Cross, Delafield Aves., etc., Bronx Boro.

N. Y., St. George—Aug. 19, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Appleby, Arden, Bellmore, Bement, Benedict, Bradford, Carmel, Grant, Kell, Lincoln Sts., etc., here.

N. J., Belmar—Aug. 22, by Boro Council extending water mains and sewers in various streets. C. W. Birdsell, engr.

Tenn., Nashville—Aug. 23, by Bd. Pub. Wks., 3 mi. 2 in. mains in northeast part of city. To exceed $15,000. City to furnish pipe. H. E. Howse, mayor. Noted Aug. 11.

O., Fostoria—Aug. 31, by City, improving water-works plant. J. N. Chester Engineers, Union Bank Bldg., Pittsburgh, Pa., engrs., adv. E. N.-R. Aug. 18.

Mo., Macon—Aug. 25, by W. A. Tibbs, city clk., improving waterworks, 215 acres clearing, 90,000 cu.yd. earth embankment, 1,050 cu.yd. concrete, pump station and gate house, two 700 g.p.m. centrifugal pumps and 9,708 ft. 12 in. c.i. mains, etc. Burns & McDonnell Eng. Co., Interstate Bldg., Kansas City, engrs. Noted June 23.

Okla., Altus—Aug. 22, by L. L. Smith, city clk., extending 6,770 ft. 4- to 10-in. mains in various streets. $15,000. J. C. Chisum, Altus, engr.

Contracts Awarded

N. Y., Syracuse—Bd. Contr. & Supply, City Hall, new reservoir, to J. Young, West Brighton Ave. and Hunt St. $210,000. Noted Aug. 11.

Miss., Gulfport—See "Sewers."

Miss., Jackson—Addition to filtration plant, incl. chemical house, 4 filters, operating house, coagulating basin and flume and mixing chamber, to Owen & Gaddis, 810 South Gallatin St., approximately $60,000.

O., Cleveland — Comrs. Cuyahoga Co., 11,000 ft. 6 and 8 in. c.i. mains in Briar Cliff Subdivision 46, Impvt. 854, to Joseph Co., Prospect-Fourth Bldg., $28,459.

O., Columbus—O. Moore, clk. Franklin Co., 5,790 ft. 6- to 12-in. c.i. mains in Levee Dist. 1, to H. B. Watters, 180 North High St., $9,589. Engrs. est. $15,000. Noted July 21.

O., Maple Heights (br. Cleveland)—See "Sewers."

Ill., Galesburg—To Thorpe Bros. Well Co., 7th and Holcomb Sts., Des Moines, Ia., drilling well to Potsdam Formation, incl. drilling hole 400 ft. deep for casing 22 in. outside diam., etc., at $21 per ft., 400 ft. pipe for same at $10.40 per ft., drilling well 1,050 ft. deep for casing 14 in. outside diam. $13, furnishing and installing 14 in. casing for same $7.80, drilling hole 1,050 ft. deep for 12 in. outside diam. $6, making tests for water depth, at $4.50 per hr. This corrects report in Aug. 4 issue.

Wis., Milltown—A. N. Lystrup, city clk., pump house and deep well equipment, to E. E. Johnson, 2302 Long Ave., St. Paul. Noted July 14.

Neb., Lincoln—For 6 m.g. concrete reservoir, to B. J. Jobst Building Co., 414 Bankers Life Bldg., $64,900. Engrs. est. $84,000. Noted June 23.

Neb., Lincoln—For 53,205 ft. 4- to 16-in. c.i. mains, 53 hydrants, 109 valves, 49,000 lb. special castings, etc. in Water Dist. 118, to Newberg & Bookstrom, 1338 M St. $94,935. Engrs. est. $125,000.

Tex., Happy—Complete waterworks system, to Orman Constr. Co., Box 632, Shamrock, $27,516. Noted Jan. 20.

Tex., Millsap—Texas & Pacific R.R. Co., E. F. Mitchell, ch. engr. Dallas, earth dam for creation water supply reservoir, and concrete bridge to J. T. Scott, Millsap, approximately $90,000.

Tex., Turkey—Complete waterworks system incl. 50,000 gal. reservoir, 6- to 8-in. mains, pumping unit, etc., to Orman Constr. Co., Box 632, Shamrock, $40,180. Noted June 9.

See proposal advertising on page 138

Constr. News page 83

TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

Even under the most rigorous conditions of service Leadite proves its efficiency

—where a line is subjected to constant vibration the joints must be tight and remain tight

IN installing the 12" bell and spigot bridge line illustrated here the element of constant vibration was a serious consideration.

Leadite was used for jointing and has given perfect satisfaction throughout the 5½ years since this Bridge Line was installed—working pressure approximately 105 lbs. per sq. in.

This water department has laid many miles of cast iron water mains with Leadite joints—sizes 6" to 30"—pressures ranging from 40 pounds to 170 pounds per square inch. They say their experience with Leadite has been extremely satisfactory. Their experience with Leadite extends over 20 years.

The ease with which Leadite can be used is another consideration with waterworks engineers in making their specifications for unusual and difficult installations, as well as for general work.

The speed of jointing with Leadite is of great importance to Contractors in helping them complete their work promptly. From experience they know how much time they can save by using Leadite.

Everywhere waterworks engineers specify and use Leadite for the satisfaction it gives, its safety, security and economy.

Twelve-inch c. i. bell and spigot water main —Bridge Line—over 500 feet long—subject to severe vibration—carrying approximately 105 lbs. pressure per square inch.

Specify and use LEADITE It saves at least 75%

Be sure it is LEADITE and accept no imitations

The pioneer self-caulking material for c. i. pipe. Tested and used for over 30 years.

THE LEADITE COMPANY . . Land Title Building . . PHILADELPHIA, PA.

NO CAULKING

Sewers

Proposed Work

R. I., Woonsocket—Plans sewerage works in various streets, $106,000. Public Wks., Dept engr.

N. J., Elizabeth—Bd. Wks. plans sewerage system from Westfield Ave. to Orchard St. $75,000. T. Collins, Elizabeth, engr.

N. J., Princeton — Boro Council made plans sewage system, disposal plant, etc. $400,000. N. S. Hill, 112 East 19th St., New York City, N. Y., engr.

Ind., Rossville—Making plans extending sewerage system. $20,000. Municipal Service Co., 413½ Wabash Ave., Terre Haute, engrs.

Mich., Muskegon — Making preliminary plans sewage disposal plant $900,000. Pearse, Greely & Hansen, 6 North Michigan Blvd., Chicago, Ill., engrs.

Ill., Belleville—Soon takes bids Richland Creek Intercepting Sewer, 11,458 ft. 36 and 42 in. concrete pipe, 609 ft. 24- to 36-in. pipe, rein.-con. treatment plant, outfall structure, etc. $190,320. Pearce, Greeley & Hansen, 6 North Michigan Ave., Chicago, engrs. Noted July 7.

Ill., Highland Park—Making plans sanitary sewers and water mains. $200,000. Windes & Marsh, Winnetka, engrs. Noted May 13, 1926.

Ill., Rockport—Soon takes bids new sewerage system. $25,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Minn., St. Paul—Plans sewers in Luella Ave., Maryland, Hyacinth, Orange, and Hawthorne Sts. $25,000. G. M. Shepard, city engr.

N. D., Lehigh—See "Buildings Industrial."

Ark., Fayetteville — Making preliminary plans extending and improving sewerage system in Sewer Dist. 1. $112,000.

Tex., Lockney—Election Aug. 16, $40,000 bonds complete sewerage system. Hawley & Roberts, Leader Bldg., Lubbock, engrs.

Tex., Rotan—Making surveys new sewerage system. $75,000 bonds soon for same. Hawley & Roberts, c/o Leader Bldg., Lubbock, engrs.

Tex., West Vernon (Vernon P. O.) — Making plans and soon take bids sewerage system. $25,000. Address Mayor.

Okla., Anadarko—Voted $35,000 bonds waterworks and sewer extensions. Peckham & Riggins, 225½ West Grand St., Oklahoma City, engrs.

Okla., Claremore—Plans 17,700 ft. 8 and 10 in. vitr. clay lateral sewers in Sewer Dist. 20. $23,410. B. Sprangle, Claremore, engr.

Okla., Sand Springs—Plans 14,400 ft. 8 and 10 in. vitr. clay lateral sewers in Sewer Dist. 21. $30,000. C. Tingley, Sand Springs, engr.

Okla., Wanette—Defeated $45,000 bonds new sanitary sewerage system. C. A. Wood, Stillwater, engr. Noted Apr. 28.

Colo., La Junta—Plans sewage pumping plant. $40,000 bonds. G. E. Hine, La Junta, engr.

Calif., Fullerton — Made surveys storm drain and sewerage system here, to exceed $400,000. C. M. Thorpe, city engr.

Calif., Glendale—Plans 6- to 10-in. sewers in Cambell, Dryden, Mountain Sts., etc. $25,000. J. F. Johansen, City Hall, engr.

Ont., Hamilton—City soon takes bids approximately 1,500 ft. storm trunk sewer on Gage Ave. south of Barton St. $45,000. W. L. McFaul, City Hall, engr.

Ont., Port Arthur — Making plans constructing 1.5 mi. 8-in., etc., vitr. clay sewers in various streets. Engrs. est. $26,000. J. Antonisen, City Hall, engr.

Ont., Riverside—Making plans constructing 3-4 mi. 8 in. and 12 in. vitr. clay sewers in various streets. $60,000. A. W. oCnnor & Co., Metropolitan Bldg., Toronto, engrs.

Ont., Toronto—Robins Ltd., Nat. Bldg., making plans rein.-con., sewage disposal plant, at Armour Heights subdivision. $40,000. Gore, Nasmith & Storrie, Confederation Life Bldg., engrs.

Bids Desired

Mass. Beverly—Aug. 24, by South Essex Sewerage Bd., Fort Ave., Salem, substructure Beverly Pumping Station, rein.-con. 30 x 40 x 25-48 in. -30 in. and 20 in. c.i. inlet and discharge sewers and appurtances at water front, foot Wales St. Private plans.

N. Y., Brooklyn—Aug. 24, by J. J. Byrne, pres., Brooklyn Boro, Boro Hall, improving Manhattan Beach disposal plant and installing automatic pumping equipment, etc.

N. Y., Brooklyn—Aug. 24, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewers in Avenue P, Kingshighway, West 5th and West 10th Sts.

N. Y., Long Island City—Aug. 22, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers etc. in portions Hosack and 65th Places, Bway., 88th and 89th Sts., Burnside, Hayes, 25th, 50th, and 109th Aves.

Pa., Allentown—Sept. 6, by M. W. Gross, mayor, pumps for sewage treatment plant, Contr. 2, Metcalf & Eddy, Statler Bldg., Boston, Mass.; adv. E. N.-R. Aug. 18.

Pa., Phila.—Aug. 24, by Dept. Pub. Wks., Bureau of Engineering, branch sewers in various streets. G. H. Biles, dir.

Okla., Ada—Aug 23 (extended date), by L. Daggs, city clk., new sewage disposal plant and 630 ft. 8- to 24-in. outfall sewers, Imhoff tank, 1,000 g.p.m. motor driven pumps, etc. $45,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs. Noted Aug. 11.

B. C., Burnaby — See "Contracts Awarded."

Contracts Awarded

Mass., Boston—Dept. Pub. Wks., sewerage system in River St. etc. in Dorchester and Hyde Park, to De Christoforo Bros., Co., 38 Glendale Rd., Rosindale, $66,387. Noted July 21.

Mass., Stoneham — Sewers in various streets, to Federal Constr. Co., Summer St. Engrs. est. $25,000. Noted July 13.

Conn., Bridgeport—Brick and steel disposal plant located under ground, incl. comfort station, to W. J. Shaughnessy, 527 Brooks St., $77,849. Engrs. est. $75,000.

N. Y., Long Island City—M. E. Connolly, pres. Queens. Boro, Queens Subway Bldg., sewers in Kingsland Ave., to J. Gallo, 169-10 State St., Flushing, $77,944. Noted Aug. 11.

N. Y., New York—W. J. Flynn, acting pres., Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewers in Nereid Ave. to Commerce, 1910 Webster Ave., $60,466; and in East 233rd St., to C. Turiano Contg. Co., 2911 Coddington Ave., $19,282. Noted Aug. 11.

Pa., Lansdale—Boro Council, sewerage system, to Anthony Pietro Co., Morgantown, W. Va., $60,895 and pumping station, to M. Y. Neeley Co., Phila., $9,437. Noted July 21.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, main sewers in Washington Lane, to A. Frunzi, 513 High St., $18,977; and Forrest St., to Jafalla & Mark, Inc., 10 Ryders Ave. $80,287. Noted July 14.

Fla., Miami—Concrete sanitary sewers, Contr. 97 in Dists. 231, 244 and 245, to Central Station & Equip. Co., Miami and 114 Liberty St., New York, N. Y. $437,647.

Miss., Gulfport—System terra cotta pipe sewers in 20th, 33rd, 37th, 38th, 41st, Rich and Thorton Aves., to G. A. Muth & Son, Rickarby St., Mobile, Ala., $29,482. Engrs. est. $30,000. Also 6,200 ft. 6-in. c.i. and 1,300 ft. 2-in. galvanized iron water mains, 12 firehydrants, etc., to G. Hopkins, East Beach St., $8,154. Noted April 14.

O., Amherst—Constructing sewage disposal plant, to W. O. Kester & Co., Box 84, Firestone Park, P. O., Akron. $59,048. Noted June 23.

O., Burton—For 3.5 mi. 8 in. vitr. clay sanitary sewers in various streets, to Shullo & DeLuch, 140 Summit St., Akron, $74,927.

O., Cleveland—Comrs. Cuyahoga Co., 3,800 ft. 8 to 27 in. sewer in Sunset Drive Sewer, Impvt. 311, to Janashak & Callow, 1366 Union Ave. $26,419.

O., Cleveland—Comrs. Cuyahoga Co. 10,000 ft. 8- to 30 in. tile sewers in Elmwood Rd., to J. B. Lynn Constr. Co., 16311 Saranac Rd. $26,594.

O., Euclid (br. Cleveland)—Constructing sewer in (3 sections) Euclid Ave., to A. C. Hattendorf, Stop 14, $130,451. Noted July 28.

O., Maple Heights (br. Cleveland)—Sewers in 3 streets and mains in 2 streets, to Hadded-Mall Co., Schofield Bldg., Cleveland $37,191 and $18,980 respectively.

Mich., Detroit—Dept. Wks., 4,037 ft. concrete sewer in Detroit River Interceptor Sec. 4 and 3,777 ft. sewer, etc., Sec. 5 to S. A. Healy, 1007 American State Bank, $24,950 and $356,545 respectively. Noted Aug. 11.

Mich., Detroit—Dept. Pub. Wks., constructing Connors Creek Backwater Gates in connection with Connors Creek sewer, incl. 24,015 cu.yds. excav., 7,737 cu.yds. concrete, 781 tons reinforcing 22,920 lin.ft. wood piling, to Lennane & McIlvenna, foot of Leib St. $449,921.

Ill., Chicago—H. C. W. Leubenheimer, clk. Sanitary Dist. of Chicago, 910 South Michigan Ave., North Side Intercepting Sewer Contr. 9, incl. 7 river and channel crossings, to Byrne Bros. Constr. Co., 624 South Michigan Ave., $285,950. Noted July 21.

Ia., Grinnell—Changes in Imhoff tank, 25 x 48 ft. sludge digestion tank, 113 x 128 ft. sprinkling filter, 60 x 100 ft., sludge bed, 1,600 ft. 24-in. vitr. pipe sewers, to A. Emmert, Newton, $60,900. Noted Aug. 11.

Kan., Abilene—For 5,400 ft. 15-in. vitr. clay pipe, sewage pumping station, etc., to Ray G. Tripp Constr. Co., Herrington. $29,579. Noted June 23.

Tex., Levelland—Sanitary sewerage system, pumping and sewage disposal plant, to R. Irick, Plainview. Approximately $60,000.

Ont., Toronto—Robins Ltd., Natl. Bldg., 1 mi. 8- to 21-in. sewer in Armour Heights subdivision, to W. E. Taylor, 22 Falcon St., and pipe to Clay Products Agency, Metropolitan Bldg. Engrs. est. $30,000.

Ont., Toronto—Vitr. tile sewer in Lane 1st. North of Norman Ave., to Natl. Contr. Co., 52 Imperial St., $720; egg and circular brick sewers in tunnel, Yonge St., from Lawrence Ave. to City limits, in connection with North Toronto Sewage Scheme, and in Sectio.. 4A, to W. R. Worthington Constr. Co., 287 Belsize Dr., $81,710 and $21,724 respectively; Vitri. tile sewers in Lane North of Garnet Ave. and West of Ossington Ave., to Grant Contr. Co., 50 Front St., E., $3,600; sewers in lane near Sullivan St., to Simone Bros., 133 Monarck Pk. Rd., $925. Grand total $108,679.

B. C., Burnaby—Municipal Council will construct 70,555 ft. 6- to 15-in. sewers in various streets. $146,270. Work will be done by day labor. Former contract rescinded. D. Johnston, Municipal Hall, Edmonds, engr.

Bridges

Proposed Work

Miss., New Albany—Union Co. making preliminary plans rein.-con., creosoted timber and steel bridge, 20 ft. wide, across Tallahatchie River, here. $70,000.

O., Urichsville — Tuscarawas Co., New Phila., plans 200 ft. concrete bridge over Stillwater Creek, Trenton Ave. $50,000-$60,000.

Kan., Columbus—Cherokee Co., rejected bids two 70 ft. steel truss, one 20 ft. slab and two 35 ft. deck girder spans on Federal Aid Project 299-B. H. W. Tyrell Court House, engr. Noted July 14.

Tex., Amarillo—City, c/o J. D. Bartlett, city mgr., making plans rein.-con. viaduct over tracks Chicago, Rock Island & Pacific R.R. at West 8th St., $40,000. Address H. B. Jones, city engr.

Tex., Cliffside (mail Amarillo)—Potter Co. (Amarillo), c/o S. B. Motlow, judge, making preliminary surveys, etc., 60 ft. concrete and steel bridge, and 20 ft. approaches across West Amarillo Creek, near here. $50,000. R. W. Ryder, Amarillo, co. engr.

Tex., Houston—Made plans 7 span, 400 ft. rein.-con., bridge with 100 ft. steel lift span, extension Lockwood St. $200,000. J. C. McVea, city engr.

Tex., Laredo—Plans 3 bridges all rein.-con. and steel, $100,000 bond election soon for same. F. C. Heines, Laredo, engr.

Tex., Seguin—Guadalupe Co. plans concrete and steel bridge across Guadalupe River. $35,000. Address Co. Judge, Seguin.

Tex., Vernon—Wilbarger Co. voted $50,000 bonds concrete and steel bridge over Pease River. Address J. V. Townsend, co. judge. Noted June 2.

Ore., Portland—Comrs. Multnomah Co. take bids in spring concrete bridge over Columbia Slough between Portland, Ore. and Vancouver, Wash.; also grading and paving Denver Ave. approach to same bridge. $427,119.

California—Tulare Co. (Visalia) making plans, 323 ft. "Woodlake Bridge" over St. Johns River; 120 ft. Springville Bridge over Tule River on Camp Nelson Rd.; 283 ft. Italy Grade bridge over Tule River north of Poplar; 264 ft. Deer Creek Bridge over Deer Creek on Fountain Springs-Deer Creek Rd., and 33 ft. bridge over Cameron

Constr. News page 84

INDEPENDENT CONCRETE PIPE "Show up Remarkably Well" in Euclid, O., Tests

From Euclid (Cleveland) Ohio Observer

Thorough Tests are Made of Concrete Sewer Pipe

The Euclid engineering department has put into effect a thorough system for testing the materials used in constructing concrete sewers . . . Tests of the concrete are made three times a day, and the materials are also tested on delivery. Tests are made by filling tubes with the concrete as it is mixed. Some of the tubes are allowed to stand seven days, and some twenty-eight days, before testing.

Recent tests of the concrete pipes made for the Euclid Avenue sewer **showed up remarkably well,** according to Engineer Frank A. Thomas. The pipes are being manufactured by the Independent Concrete Pipe Company of Indianapolis for the sewer contractor, the Ciraci Construction Company. The highest of the seven-day tests was that of 3,634 pounds to the square inch. In fact, this cube of concrete carried a weight of 100,000 pounds, which was considered remarkable by the engineer. Two other tests withstood 2,702 pounds pressure in one instance and 2,211 pounds in another. The concrete, to be standard, should stand a pressure of from 1,200 to 1,500 pounds to the square inch, in seven days, according to Engineer Thomas. The tests were conducted by the Cleveland Testing Laboratory.

Yard at Euclid, Ohio, where Independent Concrete Pipe were built for Euclid Ave. sewer.

These tests, plus those conducted in many other cities, prove conclusively that none but the best of materials and workmanship are used in building INDEPENDENT Reinforced Concrete Pipe.

The *proved* high quality of INDEPENDENT Pipe is the city's guarantee of a permanent, efficient sewer, and it is the contractor's assurance of a smooth-running, profitable job.

The *economy* of INDEPENDENT Concrete Pipe is another feature which will interest engineers and contractors. Let us send you estimates on your next concrete pipe sewer project.

INDEPENDENT CONCRETE PIPE CO., 202 N. West Street, Indianapolis

Bridges (Continued)

Creek near Zumwalt Ranch, 32 ft. bridge east of Merryman over Yokohl Creek, all rein.-con. L. A. Moye, co. surveyor.

Calif., Knights Landing (Grafton, P. O.)—Yolo Co., (Woodland) and Knights Landing Ridge Drainage Dist. preparing plans bridge over Knights Landing ridge. $50,000. A. G. Proctor, Woodland, co. surveyor.

Calif., Olive—Atchison, Topeka & Santa Fe Ry., R. B. Ball, ch. engr. (coast lines), 6th and Main Sts., Los Angeles, making plans replacing timber bridge with one 70 ft. and one 75 ft. steel span bridge over Santa Ana River, near here. $150,000.

Bids Desired

New Jersey and Pennsylvania—Aug. 24, by Joint Comn. for Elimination of Toll Bridges over Delaware River, between New Jersey and Pennsylvania, State Office Bldg., Trenton, N. J., steel superstructure for bridge over Delaware River connecting Trenton, N. J. and Morrisville, Pa. L. Focht, supt. and engineer; adv. E. N.-R. Aug. 18.

Pa., Phila.—Aug. 24, by Dept. Pub. Wks., Bureau of Engineering, 162 ft. steel incased in concrete bridge, 66 ft., over Phila. & Trenton R.R. tracks, on Linden Ave. G. H. Biles, dir.

Ky., Paducah—Aug. 22, by Bridge Committee, c/o Paducah Board Trade, 11 span 4,000 ft. bridge, concrete trestle bridge on concrete piers over Ohio River, here. $2,100,000. Harrington, Howard & Ashe, Orear-Leslie Bldg., Kansas City, Mo., engrs. Noted July 21.

Michigan—Aug. 23, at office G. H. Greene, resident engr., Alpena, one 150 ft. span T. L. Bridge 1-68-1-1 Contr. 1 and 2, Oscoda Co. for State Hy. Dept., Lansing.

Michigan—Aug. 24 at Macomb Co. Road Office Mt. Clemens, two 50 ft. steel deck girder S. R. Bridge 1-50-3-24 Contr. 1. C. L. Cowgill, Plymouth, resident engr.

Michigan—Aug. 30, at Genesee Co. Road Office, Flint, five 45 ft. steel deck girder span S. R. bridge 1-25-7-23 Contr. 1 and 2 and two 55 ft. span T. L. bridge 1-25-16-5 Contr. 1 and 2. R. W. Roberts, 504 Eddy Bldg., Saginaw, resident engr.

Ill., Chicago—Aug. 30, by R. W. Wolfe, comr. Pub. Wks., 200 ft. trunnion bascule bridge 62 ft. wide with 38 ft. roadway, over Calumet River at 106th St. $1,500,000. T. G. Philfeldt, City Hall, engr. Noted Aug. 12, 1926.

Tex., Houston—Aug. 31, by City, O. F. Holcombe, mayor, 3 span 400 ft., steel and concrete bridge across Houston Ship Channel at Adams St. $200,000. J. C. McVea, Houston, engr.

Contracts Awarded

N. J., Roselle (Ind. br. Elizabeth)—Concrete bridge at 5th Ave., to Weldon Contr. Co., Westfield, $38,515.

Pa Harrisburg—B. E. Taylor, secy. Dept. Property & Supplies, Capitol Bldg., Soldiers and Sailors Memorial Bridge, Contr. 2, to James McGraw Co., Phila., $1,623,381. Noted June 30.

Pa., Pittsburgh—Substructure for Millvale Avenue Bridge over Pennsylvania R.R. tracks, to Vang Constr. Co., Bessemer Bldg., $38,803. Noted Jan. 20.

West Virginia — State Road Comn., Charleston, Flat Run Bridge on Project 3203-F, Preston Co., to E. R. Mills, Covington, Ky., $8,235 Paw Paw Bridge on Project 1004 Morgan Co., to Polina Constr. Co., Keyser, $32,860, Buffalo Bridge, Project 3326-A Putnam Co., also gravel surfacing approaches to same, to Young Bros., Red House, $5,650. Grand total $46,755. Noted June 30 and July 7, under "Streets and Roads."

Wis., Muscoda—State Hy. Comn. at Village Hall, constructing Muscoda Bridge, incl. 1,167 lb. structural steel and 91,550 lb. reinforcement, etc., to Worden-Allen Co., Pt. Washington Rd., Milwaukee, $153,850. Noted July 28.

Washington—State Hy. Comn., Olympia, 4 rein.-con. bridges on State Road 2, and rein.-con. T-beam bridge over Salmon Creek, Clark Co., to Colonial Building Co., 617 Hutton Bldg., Spokane $53,391 and $12,232 respectively; also one 40 ft. and two 38 ft. rein.-con. T-beam bridge over Kachees River on Federal Aid Project 114-C, to Lindstrom & Feigenson, 230 Worcester Bldg., Portland, Ore., $22,928, both Kittitas Co. Grand total $88,551. Noted July 21 under "Streets and Roads."

Dams

Contracts Awarded

Mo., Osceola—See "Buildings Industrial."
Tex., Millsap—See "Waterworks."

Railways

Proposed Work

Mass., Boston — Quincy Market Cold Storage & Warehouse Co., 178 Atlantic Ave., plans private railroad tracks, Hanover and Commercial Sts. $25,000. Private plans.

Bids Desired

New York — Sept. 1, by A. C. Watson, ch. engr. Long Island R.R. Co., Long Island Station, Jamaica, lowering West Hempstead Branch track, etc. to permit constructing bridge on Southern State Parkway, west of Lakeview, in Hempstead; adv. E. N.-R. Aug. 18.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

N. J., Allenhurst—Boro, M. D. Pyle, clk., plans repairing and altering jetties and appurtenances on ocean front. $30,000.

La., Ferriday—Making preliminary plans, levees and drainage system here. $200,000.

La., Monroe—Tensas Levee Bd. making preliminary plans repairing levee along Ouachita River, Ouachita and Caldwell Parishes. $50,000.

La., New Orleans—Orleans Levee Bd., 201 New Court House, made preliminary plans moving back levee line and raising grade of Dumaine St. levee. $100,000. R. B. Kohnke, 201 New Court House, engr.

Ark., Conway—Levee Dist. 1, J. E. Little, dir., making preliminary plans repairing approximately 100,000 cu.yd. levee, here. Dickinson & White, Boyle Bldg., Little Rock, engrs.

Ark., Newport—Overcup D. D., c/o P. W. Black, R. F. D., making preliminary plans approximately 230,000 cu.yd. excav. in ditches, etc. Bowman-Morrow Eng. Co., 201 Court House, engrs.

Ark., Tuckerman—Swan Pond D. D., c/o S. Graham, comr., making preliminary plans 130,000 cu.yd. excavation, in ditches, etc. Bowman-Morrow Eng. Co., 201 Court House, Newport Ark., engr.

Tex., Brownsville—Voted $600,000 bonds drainage work in Cameron Co. Water Control & Impvt. Dist. 5. Address O. C. Darcy, Brownsville, co. judge.

Tex., Harlingen—Arroyo Navigation Dist. c/o J. B. Chambers, voted $500,000 bonds ship channel. Noted June 30.

Tex., Ingleside—See "Buildings—Industrial."

Colo., Nepesta—Pueblo County, Nepesta Ditch & Irrigation Co., E. F. Nichols, Court House, Pueblo, plans dirt excavation to build water storage reservoir incl. rein.-con. work, near here. $250,000.

Calif., Grass Valley—Nevada Irrigation Dist., making plans reservoir on Deer Creek at Scott's Flat, also dam on Bear River at Combie site, near here. F. H. Tibbetts, Alaska Commercial Bldg., San Francisco, engr.

Bids Desired

N. Y., North Tarrytown (Ind. br. Tarrytown)—Aug. 29, by Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, dredging in Hudson River, constructing dikes, filling in swamp area east of New York Central R.R. tracks and filling beach at Kingslands Point Park, here. J. Downer, Bronxville, ch. engr. adv. E. N.-R. Aug. 18. Noted July 7.

Illinois—Sept. 1, Comrs. Union D. D. 1, Rock Island Co., towns Zuma and Hampton, at office F. P. Searle, 303 Safety Bldg., Rock Island, cleaning out and widening Main Ditches, 1, 2, 3, 4, 5, 6 and 7, constructing Ditch 8 and three 2 ft. and one 3 ft. automatically closing sluice gates. W. Treichler, Rock Island, engr.

Contracts Awarded

N. Y., Rye—Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, constructing stone breakwater, dredging, filling and sanding along beach and parking area, at Rye Beach to Merritt Chapman & Scott, 17 Battery Pl., New York City, $249,200. Noted June 23.

Tex., Brownsville—Flume across Rancho Viejo Resaca River to W. W. Vann, Brownsville, and excavation on drainage ditches, to J. Ballinger, San Benito. Engrs. est. $140,000.

Streets and Roads

Bids Desired

Massachusetts—Aug. 23, by Dept. Pub. Wks., Boston, bituminous macadam and rein.-con. paving, 8,371 ft. highway in Framingham, Sudbury and Marlboro, 18 ft. W. F. Williams, comr.

N. Y., Hawthorne—Aug. 19, by Boro Comrs., grading, curbing, and guttering Wagaraw Rd., Jefferson, Pasadena Pls., Lincoln, Railroad, Florence Aves., etc. W. Ferguson's Son, 152 Market St., Paterson, engr.

N. Y., Long Island City—Aug. 24, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, guttering, curbing, sidewalks, etc. on portion 90th and 46th Aves., 91st Ave. (Carll St.), National (Louona) Ave., and grading, sidewalks, guttering, curbing, and sheet asphalt and granite block resurfacing portion Corona Ave.; sheet asphalt repaving Central Ave.

N. Y., New York—Aug. 24, by J. Miller, pres. Manhattan Boro, Municipal Bldg., grading, curbing and flagging Ellwood, C. Vestry, East 4th and Tompkins Sts.; granite block paving East 4th St.; sheet asphalt paving, etc. 55th, 65th, 181st., Thayer and 211th Sts.

N. J., Plainfield—Sept. 6, by Common Council, City Hall, grading Watchung Ave. from Charlotte Rd. to Fernwood Ave., A. W. Vars, City Hall, engr.; adv. E. N.-R. Aug. 18.

Pennsylvania—Sept. 1 and 2, by State Hy. Comn., Harrisburg, grading, rein.-con. paving, etc., approximately 51 mi. 26 projects in Beaver, Blair, Butler, Cambria, Chester, Crawford, Dauphin, Erie, Green, Huntingdon, Lawrence, Lebanon, Lycoming, McKean, Monroe, Northampton, Northumberland, Somerset, Tioga, Washington, Westmoreland and constructing bridge in Bicks Co. J. L. Stuart, secy. highways.; adv. E. N.-R. Aug. 18.

Del., Dover—Aug. 22, by Town grading and concrete paving, etc. 1,350 cu.yd. roads Contr. SP-1.

Maryland—Aug. 23, by State Roads Comn., Baltimore, sheet asphalt paving 0.47 mi. Contr. Bc-72, Baltimore City, and concrete curbing 0.3 mi. Contr. AB-10-G, Anne Arunde 1 Co. J. N. Mackall, chn.; adv. E. N.-R. Aug. 18.

Va., Leesburg—Aug. 24, by Bd. Supervs. Loudoun Co., improving 4.29 mi. Hamilton-State Route 32 Rd., Mt. Gilead Dist., 40,360 cu.yd. excav., 4,137 cu.yd. borrow, 10,462 cu.yd. top soil, etc.

W. Va., Elkins—Aug. 24, by City Council, J. W. Graham, city clk., grading, curbing and paving 6,200 sq.yd. Projects 2, 3 and 4.

W. Va., Elkin—Aug. 24, by City Council, at office of Mayor, grading, curbing and paving 11,245 sq.yd. Locust Ave., 1st, Davis, Central, John Sts. Noted June 23.

Ga., Tennille—Aug. 23, by City Council, curbing, guttering and asphalt or concrete paving 10,350 sq.yd. various streets. Harwood Beebe Co., Spartanburg, S. C., municipal engrs.

Louisiana—Sept. 6, by State Hy. Comn., Reymond Bldg., Baton Rouge, constructing, 1.635 mi. road, Sabine Parish, Many-Zwolle-Converse-De Soto Parish Line Hy. from Converse east to Oak Grove School. State Project 398-F. Sabine Parish, N. W. Bowden, State Hy. engr.

O., Cincinnati—Aug. 23, by C. O. Sherrill, city mgr., City Hall, sheet asphalt repaving 16,000 sq.yd. and concrete repaving 33,000 sq.yd. Erie Ave. $227,275.

O., Dayton—Aug. 22, by Comrs. Montgomery Co., Court House, asphalt, rein.-con. or brick paving 2,500 ft. 8 streets in Hills-Dale Plat, 30 ft. $30,000. W. O. Pease, Court House, co. surv.

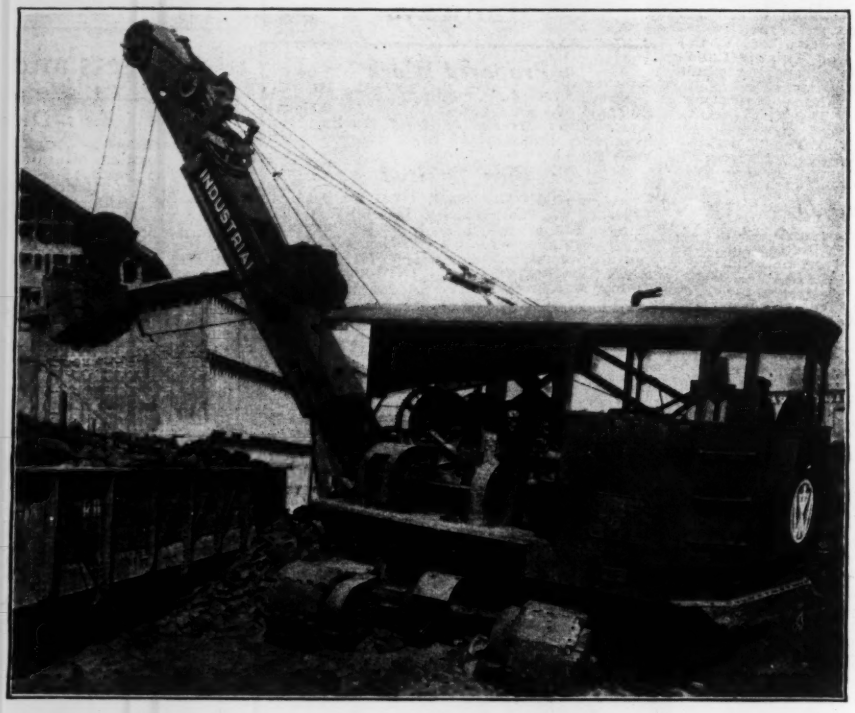
O., Leetonia—Aug. 25, by City Council, grading and surfacing Lisbon and Walnut Sts. $25,000-$30,000. Noted Feb. 10.

O., Lisbon—Aug. 25, by Comrs. Columbiana Co., resurfacing and widening 1.053 mi Lisbon-Canton Rd., 20 ft. concrete $32,973, brick $32,178; also widening 1 mi. Valley-Damascus Rd., 18 ft., $25,000. L. C. Kirk, Lisbon, engr.

O., Springfield—Aug. 20, by Comrs. Clark Co., paving 5.43 mi. Springfield-Troy Rd., Sect. Q, concrete $176,778; and macadam $176,334. W. H. Sieveling, Springfield, engr.

Michigan—Aug. 25, by R. W. Roberts, resident engr., 504 Eddy Bldg., Saginaw, concrete paving 1.998 mi. FO 29-7 Contr. 1, Gratiot Co.

Constr. News page 85



BY THE DIPPERFUL—

ASPHALT paving blocks by the dipperful—that's the way to handle them. However, make sure that the dipper is on an INDUSTRIAL all-purpose crawler—there's real satisfaction then.

The ease with which an operator can manipulate an INDUSTRIAL crawler is surprising. Exacting controls that operate easily make it possible for the operator to spot his loads with accuracy—thus doing away with unnecessary loss of time so prevalent in average operation.

You owe it to yourself to investigate this INDUSTRIAL all-purpose crawler before you invest.

(Where there's money to be made—INDUSTRIALS make it !)

For complete information write or wire our nearest branch office. Our sales engineers will be glad to assist you.

Crawling Tractor Cranes, Shovels, Draglines, Locomotive Cranes, 5 to 75 tons, Wrecking Cranes 75 to 200 tons, Freight Cranes, Transfer Tables, Railsaws, Pile Drivers, Clamshell Buckets, Steam Pile Hammers.

INDUSTRIAL WORKS, BAY CITY, MICHIGAN

Atlanta, Ga. Hurt Bldg. · Chicago, Ill. McCormick Bldg. · Cincinnati, Ohio Dixie Terminal Bldg. · Detroit, Mich. Book Building · New Orleans, Louisiana Whitney Central Bldg.
New York City—50 Church St. · Philadelphia, Pa. Packard Building · Pittsburgh, Pennsylvania Federal Reserve Building
San Francisco, Calif. Monadnock Building · St. Louis, Mo. Railway Exchange Bldg.

Streets and Roads (Continued)

Ill., **Chicago**—See "Unclassified."

Ill., **Glencoe**—Aug. 26, by City, rein.-con. paving portion Skokie Ridge. $150,000. Windes & Marsh, Winnetka, engrs.

Ia., **Corning**—Aug. 29 by City Clerk, grading, curbing and rein.-con. vibrolithic concrete or brick paving 20,000 sq.yd. various streets. F. McClellan, City Hall, engr.

Ia., **Sigourney**—Aug. 22, at office Auditor Keokuk Co., 8,210 ft. guard rail and 34 anchors on Secondary Project 2; 1,700 ft. guard rail, 16 anchors and 2,000 cu.yd. gravel 1 mi. haul and 4,750 cu.yd. ½ mi. haul graveling Secondary Project 3. R. C. Fye, Sigourney, co. engr.

Ia., **Spirit Lake**—Aug. 22, at office Auditor Dickinson Co., graveling 26 mi. road. R. A. Furman, Spirit Lake, engr.

Minn., **St. Paul**—Aug. 22, by G. J. Riss, aud. Ramsey Co., asphaltic concrete or natural rock asphalt on rein.-con. paving approximately 30,000 sq.yd. Minnesota Trunk Highway. P. N. Coates, 900 Guardian Life Bldg., co. engr.

Nebraska—Aug. 26, by State Hy. Comn., Lincoln constructing 118.3 mi. grading; and 172.8 mi. graveling, etc. 26 projects in 29 counties. R. L. Cochran, highway engr.

Tex., **Shamrock**—Taking bids alternate type paving 28 blocks various streets. $70,000. F. L. Beasly, secy.

Okla., **Enid**—Aug. 23, by R. T. Williams, city clk., grading, curbing and concrete paving 20,460 sq.yd. East Cherokee Ave. $61,820. F. C. Magruder, Enid, engr.

Okla., **Wewoka**—Aug. 23, by D. R. Fraser, city clk., grading, curbing and concrete paving 47,480 sq.yd. Dist. 10. $196,210. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted July 7.

Colorado—Aug. 24, by State Ry. Dept., Denver, gravel surfacing 2.848 mi. Highway 4, Federal Aid Project 297-A. L. D. Plauvelt, State Office Bldg., Denver, engr.

Colo., **Denver**—Aug. 23, by Dept. Impvt. & Parks, curbing, grading and surfacing 40 blocks North Side Impvt. Dist. 37. $160,000. A. K. Vickery, City Hall, engr.

Washington—Aug. 30, by State Hy. Comn., Olympia (**S. R. means State Road**), grading 8.7 mi. S.R. 9, Jefferson Co. and 1 mi. S.R. 3, Whitman Co.; crushed graveling, etc. 23,000 cu.yd. S.R. 3, Ferry Co., 4,300 cu.yd. S.R. 2, Chelan Co.; crushed rock surfacing 13,600 cu.yd. S.R. 11, 4,000 cu.yd. S.R. 3, Spokane Co. and 6,000 cu.yd. S.R. 3, Kittitas Co.; also concrete paving, etc. 33,000 sq.yd. S.R. 1, Snohomish Co., and 80,000 sq.yd. S.R. 2, King Co. S. J. Humes, highway engr.

Calif., **Stockton**—Aug. 29, by E. Graham, clk. San Joaquin Co., graveling 1.98 mi. Murphy Ferry Rd., and 3.02 mi. Morrison Rd.; also gravel on crushed rock paving 2.5 mi. Durham Ferry Rd. and 2.35 mi. Taylor's Ferry Rd. F. E. Smith, co. surveyor.

Ontario—Aug. 20, by R. M. Smith, ch. engr., Parliament Bldgs., Toronto, grading, concrete, asphalt, tar bound macadam paving, also culverts and overhead crossings. Contrs. 27-88, 89, 90, 91, 92, 93, 94, and 95.

Contracts Awarded

N. Y., New York—W. J. Flynn, acting pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading Loring Pl., to Asphalt Constr. Co., 2197 Madison Ave., $19,595, East Tremont Ave. to P. J. Donovan, 30 Church St., $53,618, and West 175th St. and asphalt block paving East 153rd St. to Burnside Contg. Co., 270 Burnside Ave., $14,823 and $15,570 respectively, Clark Pl., to C. D. Beckwith Co., Seneca Ave. and Edgewater Rd., $28,662; granite block paving East 168th St. to St. George Paving Co., 415 Lexington Ave. $33,937. Grand total $166,205. Noted July 28.

N. Y., Poughkeepsie—Bd. Pub. Wks., Eastman Park Mansion, grading and 2-in. sheet asphalt paving on concrete base Dean Pl., Academy and New Market Sts. to Spoor-Lasher, 16 Cannon St., $68,988. Noted July 21.

New Jersey—State Hy. Comn., Trenton, concrete paving 1 mi. Toms River Cutoff to Richards & Gaston, Somerville, $199,957; 1 mi. road Morristown to Convent Station to E. H. Ellis, Wilson Bldg., Camden, $89,031; extending Route 1 over South St. and 1st Ave., Newark, to Bowe & Millimet, Union City, $954,007. Grand total $1,242,995. Noted July 28.

N. J., New Brunswick—Bd. Freeholders, Middlesex Co., paving 12,406 ft. Jamesburg-Englishtown Rd., Kingston-Monmouth Junction and South Plainfield Rds., to C. Sebolt, New Brunswcik, $93,697.

N. J., Rahway—Rahway Council, concrete paving 0.75 mi. Maple Ave., to Elizabeth Paving Co., 715 Elizabeth Ave., Elizabeth, $27,025.

N. J., Roselle (Ind. br. Elizabeth)—Boro Council, sheet asphalt paving Crescent and 8th Aves., to G. H. Winans, 205 Broad St., Elizabeth, $17,172; Grand St., to Stryker & Stryker, Red Bank, $4,280; 5th Ave., to J. B. Gilligan Casey Co., 972 Broad St., Newark, $15,392. Grand total $36,844.

Pennsylvania—State Hy. Comn., Harrisburg (**A. means Application and R. Route**), grading 53,900 cu.yd. R. 93, Sect. 3, Warren Co., to C. H. Fry Constr. Co., Erie, $57,269; grading and concrete paving, etc., 8,000 sq.yd. R. 268, Sect. 7 A, Washington Co., to Mosteller & Virgin, Wilkinsburg, $66,554, 2,807 sq.yd. R. 118, Sect. 1 A, Washington Co., to Jones Constr. Co., Beallsville, $36,380, 3,875 sq.yd. R. 20, Lycoming Co., and rein.-con. paving, etc., 28,576 sq.yd. A. 4057, R. 468, Susquehanna Co., to United Constr. Co., Lock Haven, $30,523 and $144,059 respectively; concrete paving, etc., 32,000 sq.yd. R. 35 and 36, Franklin Co., and 11,406 sq.yd. R. 40, Cumberland Co., to G. I. Thompson Constr. Co., Clearfield, $115,968 and $54,729 respectively; rein.-con. paving 1,932 ft. R. 357, A. 3701, 16 ft., Jefferson Co., to J. B. Trexler, Lewistown, $13,891, 26,700 sq.yd. R. 218, Sect. 2, Clarion Co., to J. McCarthy Constr. Co., Kaukauna, Wis., $105,388, 21,202 sq.yd. R. 138, Lancaster Co., to Swanger Fackler Constr. Co., Lebanon, $78,256, and 18,834 sq.yd. R. 68, Sect. 6, Westmoreland Co., to McPherson Bros., Edgeworth, $76,629. Grand total $779,646. Noted June 30.

Md., Baltimore—Sheet asphalt paving 2,420 sq.yd. streets listed in Contr. 419, to P. Flanigan & Sons, Harford Rd. and B. & O. R.R., $50,173.

Md., Towson—Bd. Comrs., Baltimore Co., grading and concrete paving 2 mi. Monkton-Manor Rd., Group 2, to H. T. Campbell & Sons, Towson, $55,248.

D. C., Wash.—District. Comrs., District Bldg., improving streets listed in items 1 and 2 to G. B. Mullin Co., 4th and Rhode Island Ave., N.E. and items 3, 4, 5 and 6 to W. F. Brenizer Co., 101 New York Ave. Noted July 21.

West Virginia — State Road Comn., Charleston, to F. C. Sammons, Huntington, gravel surfacing 6 mi. Project 2164 Lincoln Co. $44,421, 6 mi. Project 3169 Lincoln Co. $18,163 and 6 mi. Projects 3282 and 3288 Logan Co. $59,873, to Echols Constr. Co., Cass, 5.5 mi. Project 3282-A Lincoln and Logan Counties $48,833, 4 mi. projects 2169 and 3169 Lincoln Co. $36,348, stone base course surfacing 4 mi. Project 137-C Monroe Co. $79,571 and grading 7 mi. Project 3214-C Hardy Co. $96,965, to Janutola & Co., Fayettesville, gravel surfacing 4.7 mi. Projects 68 and 3181 Nicholas Co. $23,990 and bituminous macadam surfacing 5 mi. Projects 3375-A, B and C, Summers Co. $110,950, to Abbott Constr. Co., Charleston, gravel surfacing 5.5 mi. Projects 68, 69 and 3180 Nicholas Co. $26,500, to Greenwalt Bros., Youngstown, O., 11 mi. Project 3074-A, B and D, Jackson Co. $25,560, to R. L. Vaught, Pt. Pleasant, 7 mi. Projects 3326-C, 3332-A and B, Putnam Co. $27,594, to M. Balazick, Jefferson, Pa., 14 mi. Project 2047-A and B, Nicholas Co. $115,900, to W. McCormick, Kincaid, 3.6 mi. Project 3164-A $31,556 and 3.5 mi. Project 3164-B Jackson Co. $30,804, to T. E. Miller, 619 5th St., Huntington 5.7 mi. Project 3315 Mason Co. $23,703, to H. S. Gay, Jr., Logan, 2.7 mi. Projects 150-A and 3290 Logan Co. $16,494, to Monongahela Constr. Co., Fairmont, bituminous macadam surfacing 5.8 mi. Projects 1 and 2 of 151-E, Preston Co. $197,911, to Cole Bros. Co., Morgantown, 11 mi. Project 151-E Preston Co. $434,223, to Handley & Callas, Lewisburg, 4 mi. Project 136-E $132,995 and grading 5 mi. Project 136-D both Greenbrier Co. $87,051, to H. W. Curry Co., Ripley, surface treating 8 mi. Project 3075-B and C Jackson Co. $10,870 and stone base course on 2.3 mi. Project 3259 Kanawha Co. $27,450, to Rosenbaum Bros., Pocahontas, stone base course 4 mi. Project 137-B Monroe Co. $40,932, to Hl-Way Constr. Co. Oak Hill 1.78 mi. Project 157-A Fayette Co. $21,900, to A. Keathley, Prof. Bldg., Charleston, 1.55 mi. Project 157-A Fayette Co. $16,105; to H. W. Kaylor, Hagerstown, Md., 3.5 mi. concrete shoulders on Project 67 Berkley Co. $36,048, to Minns & Dodd, Spencer, 3.5 mi. Project 67, Berkley Co. $33,774; to P. S. Horner Co., Clarksburg, bituminous macadam surfacing and concrete shoulders 3 mi. Project 3225, 1st section, Harrison Co. $113,471 and 1.77 mi. Project same road, 2nd section $72 ^71; to C. Sergeant, Pomeroy, O., placing gravel surfacing on 3.75 mi. Project 3352 Mason Co. $12,540, to J. W. Graybill, Charleston, 3.75 mi. Project 3352 Mason Co. $13,326, to J. H. Hood, Huntington, grading, etc. 6 mi. Project 3380-B, Preston Co. $65,022, to Cain & Thurman, Charleston, 5 mi. Project 3285-D, Clay Co. $101,072, to Voso & Ritchie, Ravenwood, 6 mi. Project 3337-A Wood Co. $176,433, to Piper & East, Princeton, 5 mi. Project 3337 Wood Co. $104,661; to Western Rivers Co., Pt. Pleasant, delivering 20,000 cu.yd. gravel at Leon, Arbuckle or Robertsburg, Project 3352 Mason Co. $28,800, 20,000 cu.yd. at or near Red House, Projects 3326-C, 3332-A and B Putnam Co. $30,800; to Fuccy Bros., Weston, concrete paving 4 mi. Project 152-A Randolph Co. $129,569 and to Keeley Constr. Co., Clarksburg 3.5 mi. Projects 3029 and 3143-A Tucker Co. $90,480. Grand total $2,794,729. Noted June 30 and July 7.

Miss., Carrollton—Bd. Supervs. Carroll Co., improving 14.437 mi. Federal Aid Project 46-A, to S. K. Jones Constr. Co., Cotton Exch. Bldg., Memphis, Tenn. Engrs. est. approximately $100,000. Noted July 7.

Tenn., Chattanooga—Hamilton Co. and State Dept. Highways & Pub. Wks., Nashville, widening 3 mi. State Road 2, near Mission Ridge Tunnel, to Brown Contg. Co., Chattanooga, approximately $25,000.

O., Cincinnati — Improving Walnut St. 2,800 sq.yd. granite block, 7,300 sq.yd. sheet asphalt paving and 3,500 sq.yd. cement sidewalks, etc., to Holmes Constr. Co., Central Parkway and Ann St. $53,059. Engrs. est. $57,815. Noted Feb. 17.

O., Cleveland—Comrs. Cuyahoga Co., 10 in. concrete paving Wastrick Rd. 2, to Ohio Engineering Co., Lorain. $94,945.

O., Cleveland—Comrs. Cuyahoga Co. 67,000 sq.yd. 4 in. vitr. brick on 70,400 sq.yd. concrete paving, etc. Lorain Rd., to Cleveland Trinidad Paving Co., Western Reserve Bldg. $436,450.

O., Cuyahoga Falls—Asphalt paving, etc., South Main and South 8th Sts., to T. E. McShaffrey Constr. Co., 173 South Forge St., Akron, $82,297 and $26,762 respectively.

O., Euclid—Sheet asphalt paving Tracyline St., to Cleveland Trinidad Paving Co., Western Reserve Bldg., Cleveland $30,818.

Michigan—Concrete paving 3.647 mi. Mo 59-18 Sec. A., Montcalm Co. and 1.591 mi. Mo 34-26-C-2 Ionia Co., to State Constr. Div. Capital Natl. Bank Bldg., Lansing.

Mich., Berkley—Concrete paving 8,100 sq. yd. roads in Assessment Dist. 58, to R. D. Baker, 1631 Elmhurst Ave., Detroit, $36,621.

Mich., Detroit—Constructing 3½ in. sheet asphalt on 8 in. concrete paving Newton Ave. from Dubois to Jos. Campau Aves. to Bishop & Wier, 955 East Jefferson Ave., $34,147.

Mich., Monroe — Curbing, guttering and concrete paving 16,132 sq.yd. 5 streets, to J. H. Knapp & Co., Monroe, $53,463.

Ill., Alton—Grading, curbing, guttering and 7 in. rein.-con. paving 24,697 sq.yd. Alby Street Paving Dist., to Strubel & Helmich, 1117 West 9th St., $64,337. Noted Mar. 10.

Ill., Chicago—Cook Co. Hy. Dept. paving 1.5 mi. Flavin Rd., to J. P. O'Keefe, 7854 South Ashland Ave., $65,622; 4.6 mi. Crawford Ave., to R. F. Conway Co., 844 Rush St., $158,368.

Ill., Edwardsville—Supervisor of Highways, Madison Co., grading, concrete paving, etc. 1.5 mi. Edwardsville-Poag Highway, 18 ft., to J. Kesl & Son, Title Guaranty Bldg., St. Louis, Mo., $28,426. Noted July 21.

Ill., Galesburg—Grading, curbing and guttering 7 blocks Arnold, Hancock and Phillips Sts., to H. H. Gunther, 600 East Main St., $37,639. Engrs. est. $40,009. Noted July 28.

Ill., West Frankfort—Grading, curbing and concrete paving, etc. Paving Dist 6, to Midwest Eng. Co., Mt. Vernon, $75,140.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., grading 11th and Morgan Aves., to R. H. Gumz, 831 23rd Ave. $4,023 and $4,212 respectively; grading and paving, etc., Galena St., to White Constr. Co., 68 East Wisconsin Ave. $18,276, Teutonia Ave., to W. Hunt, 445 Milwaukee St. $31,707, 1 alley each, to Eastern Constr. Co., Milwaukee, $491, and F. W. Blodgett, 521 Newton Ave. $2,558, Jackson St. and 2 alleys, to Schrawkowski & Sons Co., 998 Dousman St. $8,960 and $5,183 respectively. Grand total $77,705.

Ia., Eagle Grove — Brick paving 20,000 sq.yd. various streets, to G. G. Herrick Co., Des Moines, at $1.89 per sq.yd.

Ia., Le Mars—Plymouth Co. graveling 19.79 mi. Hinton-Kingsley Rd., to Pickus Constr. Co., Sioux City, $43,006.

Minnesota—State Hy. Comn., St. Paul, approximately 287,000 cu.yd. State Project 10-55, Federal Aid Project 382, to Erickson-Johnson Constr. Co., and R. B. Fraser Constr. Co., 3631 22nd Ave. S., $91,502; and culverts, to A. Beckman & Co., Lake City, $16,500. Noted July 21.

Constr. News page 85a

Streets and Roads (Continued)

Neb., Lincoln—Grading, curbing, asphaltic concrete paving, etc. 26,500 sq.yd. in Paving Dist. 755, to Abel Constr. Co., 308 Terminal Bldg., $77,339. Engrs. est. $79,000.

Neb., Lyons—Grading and 6 in. rein.-con. paving, etc. approximately 8,000 sq.yd. various streets, to John Kerns Constr. Co., 210 Bankers Reserve Life Bldg., Omaha at $2.08 per sq.yd. Engrs. est. $25,000. Noted June 9.

Mo., Clayton (Br. St. Louis)—Comrs. St. Louis Co., to Bangart Bros. Constr. Co., 120 South Florrisant Rd., St. Louis Co., telford macadam paving, etc. 205 blocks Marvin Ave., $5,332; to Moore Bros. Constr. Co., 2000 St. Clair Ave., East St. Louis, Ill., 1,200 sq.yd. Central Ave. $3,645, 1,860 sq.yd. Greenway St. $6,425, 1,700 sq.yd. Webb Place $5,377; and to Emil Steffen, 4760 Seibert St., St. Louis, rock paving Louis Ave. $2,543. Grand total $45,499. Noted July 14.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, concrete paving, etc. alleys in City Block 2573, to Eyermann Contg. Co., 1216 South Grand Blvd. $4,151, and alley in City Block 5395, A. Lewald, Inc., 6025 West Cabanne Ave. $2,679; rein.-con. paving, etc. 11,000 sq.yd. Goodfellow Ave. to Skrainka Constr. Co., Security Bldg. $46,059, and 3,900 sq.yd. Goodfellow Ave. between Stratford St. and Lilian Ave., and 4,450 sq.yd. Goodfellow Ave. between West Florissand and McLaran Sts., to T. P. Connors & Sons, 705 Market St. $15,074 and $16,821 respectively; warrenite paving, etc. 20,000 sq.yd. Kingshighway Southwest to Central Paving & Constr. Co., 6161 Maple Ave. $119,171; warrenite bithulithic paving, etc. 2,615 sq.yd. Itaska St., to Granite Bituminous Paving Co., Ry. Exch. Bldg., $16,927; and amiesite paving, etc. 710 sq.yd. 38th St. to Webb-Boone Paving Co., 1503 Fyler Ave. $4,909. Grand total $225,791. Noted June 30.

Ark., Little Rock—Pulaski Co., grading and asphaltic concrete paving 12 mi. 12th St., from city limits to Ferndale, Districts 11 and 12 to D. D. Hill & Co., Revilo Hotel, $191,000.

Tex., Cleburne—Paving East Henderson St. from Boyd St. to point 110 ft. east line of Braxos Ave. and 7 blocks North Buffalo from West Willingham to Williams St. to West Texas Constr. Co., Cleburne, $28,000, $25,000 respectively. Noted July 14.

Tex., Galveston—Galveston Co., grading, bridging and paving 4.96 mi. Highway 6, 20 ft., to J. W. Zempster, Galveston, $185,502.

Tex., Laredo—Webb Co. concrete paving 10.781 mi. Highway 12-A, to H. B. Zachary, Laredo, $259,922. Noted Mar. 24.

Tex., McGregor — Hard base with asphalt topping paving 25,000 yd. various streets, to F. P. McElwrath, Corsicana. Approximately $42,000.

Tex., McLean—Gray Co. 3 in. brick on 5 in. concrete paving 4 blocks and 5 street intersections, to Panhandle Constr. Co., Lubbock. $35,158. Engrs. est. $38,000.

Okla., Pond Creek—Grading, curbing and concrete paving 16,700 sq.yd. Main St., to E. W. Baker & Co., 408 Medical Arts Bldg., Oklahoma City, $43,939. Engrs. est. $51,809.

Colorado—State Hy. Dept., Denver, grading and concrete paving etc. 1.239 mi. Santa Fe Trail, to Pueblo Co., 16 ft. to Strange-Maguire Paving Co., 1st Natl. Bank Bldg., Pueblo, $37,850.

Washington—State Hy. Comn., Olympia **(S. R. means State Road)**, crushed rock surfacing 7,740 cu.yd. S. R. 12, Pacific Co., to John Slotte & Co., Inc., 593 Bond St., Astoria, Ore., $24,788; crushed graveling, etc., 11,300 cu.yd. S. R. 9, Mason and Jefferson Counties, to Edland & White, 302 South 30th St., Tacoma, $14,336, and 4,110 cu.yd. same road Clallam Co., to C. E. Martin, R. F. D. 3, Box 160, Seattle, $6,083; also grading and concrete paving 28,541 sq.yd. S. R. 3, Federal Aid Project 135-B, Whitman Co., to C. A. Powers, 1703 South Grand Blvd., Spokane, $89,732, and 26,159 sq.yd. S. R. 8, Clark Co., to United Contg. Co., 310 Stock Exch. Bldg., Portland, Ore. $68,667. Grand total $203,606. Noted July 21.

Washington—State Hy. Comn., Olympia, **(S. R. mea s State Road and F.A.P., Federal Aid Project)**, grading 123,000 cu.yd. S.R. 9, F.A.P. 166-A, Clallam Co., to J. M. Clapp, 637 Burke Bldg., Seattle $108,909, 189,000 cu.yd. S.R. 8, F.A.P. 144-B, Skamania Co., to Myers & Goulter, 2621-Franklin Ave., Seattle $121,440, and 168,000 cu.yd. S.R. 9, F.A.P. 113-B, Sect. 2, Jefferson Co. to Holmberg & Norman, P. O. Box 659, Port Orchard $299,616; grading and crushed rock surfacing 14,000 cu.yd. S.R. 3, Sect. 2, F.A.P. 152-B, Whitman Co., to C. Nyberg, 741 Peyton Bldg., Spokane $60,-

Constr. News page 86

220; grading and concrete paving, etc. 23,000 sq.yd. S.R. 1, Lewis Co. and concrete paving 1.11 mi. gaps between Kalama and Toledo also at Woodland, Cowlitz and Lewis Counties, to P. Neilan, 307 Walker Bldg., Seattle $99,547 and $45,955 respectively; and concrete paving 71,000 sq.yd. S.R. 3, Spokane Co., to Albertson, Cornell Bros. & Walsh, 1113½ A St., Tacoma $197,-250. Grand total $932,937. Noted July 21.

Wash. Seattle—Grading, concrete sidewalks, etc. on 40th Ave. North, et al., to J. Paduano & Co., 1546-12th St. South $30,387.

Calif., Ontario—Grading, etc., 5th Ave., and California St., to Griffith Co., Railway Bldg., Los Angeles, approximately $30,500.

Calif., San Francisco—Grading, etc., at Municipal Airport to Eaton & Smith, 715 Ocean Ave., $28,176. Noted July 28.

Calif., Santa Ana—Orange Co., rein.-con., paving, etc. Ocean, Westminister ,and Los Alamitos Aves., to B. W. Hicks, 2364 Atlantic Ave., Long Beach, $42,186.

Calif., Ventura—Concrete paving 382,915 sq.ft. streets in Ventura Beach Tract, to Fleming Constr. Co., 105 North Park Ave., Pomona, $129,255. Noted July 28.

Ontario—Dept. Pub. Highways, Parliament Bldg., Toronto concrete paving 3 mi. highways in Mildway and Clifford, to W. W. King, Oakville; grading, concrete paving, etc. 1.7 mi. highway from Burlington Beach Cut-off to Main St., to R. Honsberger, Vineland. Engrs. est. $100,000. Noted July 14.

Ont., Lindsay—Sheet asphalt paving 1 mi. various streets to Standard Paving Co., Ltd., Central Chambers, Ottawa. Engrs. est. $40,000.

Ont., Toronto—North York Twp., macadam paving approximately 1 mi. Felbrigg Rd., Brook and Lochiel Sts., Haddington and Esgore Aves. to Orr & Clark, 303 Northern Ont. Bldg., Toronto. Engrs. est. $25,000.

Ont., Welland — Grading, curbing and sheet asphalt paving 20,000 sq.yd. various streets, to Brennan Contg. Co., 400 Gage Ave. N., Hamilton. Engrs. est. $90,000.

Ont., Welland — Welland Co., macadam paving 4½ mi. roads, to Dufferin Constr. Co., foot of Bathurst St., Toronto. Engrs. est. $80,000.

B. C., Nelson—For 6-in. concrete paving 20,000 sq.yd. various streets, here, to Carter-Halls-Aldinger, Ltd., 500 Beatty St., Vancouver $52,703.

B. C., South Vancouver—Concrete paving Fraser St. and Victoria Dr., to Armstrong, Morrison Paving Co., Ltd., 543 Granville St., Vancouver, $28,000.

Buildings—Commercial

Proposed Work

Mass., Cambridge (Boston P. O.)—WAREHOUSE—Jordan Marsh Co., 450 Washington St., Boston, plans altering and constructing rein-con. and brick, plain foundation, here, $150,000 or more. Engineer and architect not selected.

Mass., Lawrence—BANK—J. E. Allen, archt., 283 Essex St., soon lets contract 2 story and basement, rein.-con. brick, steel and limestone, plain foundation, Essex and Hampshire Sts., for Bdwy. Savings Bank, 522 Essex St.

Mass., Long Island (Ind. Sta. Boston)—DORMITORY—City of Boston, Institutions Dept., City Hall, plans men's dormitory, here. $150,000 or more. J. H. Ritchie & associates, 250 Stuart St., archts.

Mass., North Attleboro—THEATRE and STORE—S. Williamson, Pemberton Bldg., Boston, having preliminary plans prepared by Schein & Levine, 448 Bway, Chelsea, 1 and 2 story and basement, 70 x 110 ft., and 50 x 100 ft., rein.-con., brick and steel, plain foundation, Washington St. $150,000.

R. I., Providence—BANK and OFFICE—Union Trust Co., W. F. Farrell, pres., soon lets contract 12 story, 30 x 48 ft., brick, steel, marble and granite, Westminster and Dorrance Sts. To exceed $150,000. G. F. Hall, 807 Union Trust Bldg., archt. Noted Mar. 31.

R. I., Providence—COURT HOUSE—Providence Co. Comn., Court House, having plans prepared by Jackson, Robertson & Adams, 1216 Turks Head Bldg., and takes bids in September, brick and steel court house, College, Benefit and South Main Sts. $3,500,000.

Conn., Stamford — APARTMENT — McMahon & Decoteau, c/o Emmens & Abbott, archt., 1 Bank St., had plans prepared 4 story 85 x 170 ft., brick, steel, Glenbrook Rd. $250,000.

N. Y., New York—APARTMENT—Bing & Bing, Inc., 119 West 40th St., having preliminary plans prepared by E. Roth, 1440 Bway., 15 story and basement, 100 x 100 ft., brick, steel and stone, plain foundation, 98th St. and 5th Ave. To exceed $500,000.

N. J., Atlantic City—APARTMENT—T. J. Koury, c/o F. Amodio, archt., Commerce Bldg., had plans prepared, 7 story and basement, 50 x 125 ft., brick and steel, plain foundation, Cornwall and Marsdon Aves. $150,000.

N. J., East Orange — APARTMENT — Komb Constr. Co., c/o E. V. Warren, archt., 31 Clinton St., Newark will not build 7 story and basement, brick and steel, plain foundation, 91 Washington St. $500,000. Project abandoned. Noted June 9.

N. J., East Orange—APARTMENT—Owner, c/o A. Ginsburg, archt., Hillside Ave., Nutley, having plans prepared 6 story and basement, brick and steel, plain foundation, Grove St. $150,000.

N. J., Elizabeth—BANK—Peoples Natl. Bank, 113 Broad St., soon takes bids 1 story and basement, brick and steel, plain foundation, 3rd and East Jersey Sts. $150,-000. Oakley & Son, 1259 Clinton Pl., archts. Noted June 30.

N. J., Newark — APARTMENT — J. Lember, c/o R. Botelli, archt., 45 Branford Pl., having plans prepared 5 story and basement, 75 x 125 ft., brick and steel, plain foundation, 5 Porter Ave. $200,000.

N. J., Newark—APARTMENT—S. Sherman, 352 Belmont Ave., having plans prepared by E. Gerber, 786 Broad St. 5 story and basement, 75 x 100 ft., brick and steel, plain foundation, 10-16 Custer Pl. $150,000.

N. J., Newark—APARTMENT—Custer Building Co., c/o E. Gerber, archt., 786 Broad St., having plans prepared 5 story and basement, brick and steel, plain foundation, 18-26 Custer Pl. $150,000.

N. J., Newark — APARTMENT — H. Cohen, c/o L. Kasoff, archt., 164 Market St., having plans prepared 5 story and basement, 75 x 150 ft., brick and steel, plain foundation 6th Ave., here.

N. J., Newark—APARTMENT—Tower Realty Co., c/o Siegler & Greenberg, archts., 164 Market St., having plans prepared 5 story and basement, brick and steel, plain foundation 66 Crawford St., here. $150,-000.

N. J., Newark—HOTEL—Robert Treat Hotel Co., 154 Park Pl., having preliminary plans prepared by Guilbert & Betelle, 24 Branford Pl., 16 story brick and steel, plain foundation, addition 44 Park Pl., here. $350,000.

N. J., Paterson—APARTMENT—L. F. Eking, c/o R. M. Eking & Co., 45 Church St., had plans prepared 4 story and basement, brick and steel, plain foundation, 529-537 Park Ave., here. $150,000. Private plans.

N. J., Paterson—HALL of RECORDS, JAIL, etc.—Bd. Freeholders, Passaic Co., having plans prepared by H. B. Crosby, 125 Ellison St., 8 story and basement, brick and steel, plain foundation, Grand and Spring Sts. $500,000. Noted June 9.

N. J., Red Bank—CLUB HOUSE—Presbyterian Brotherhood of Red Bank, having sketches made by W. S. Gregory, 1170 Broadway, New York City, 3 story and basement, brick and steel, plain foundation, Broad St. here. $150,000.

N. J., Scotch Plains—HOSPITAL, etc.—Bd. Freeholders Union Co., Court House, Elizabeth, soon takes new bids, 1 story 40 x 90 ft. laundry, 2 story and basement 143 x 245 ft. hospital and 2 story 56 x 80 ft. power house, brick and steel, plain foundation, County Hospital Grounds, here. $200,000. Former bids rejected. Oakley & Son, 1259 Clinton Pl., Elizabeth, archts. Noted July 28.

N. J., South Orange—APARTMENT—Sixty-Two South Munn Ave., Inc. (Kuskin & Rothberg), c/o H. F. Clark, archt., 38 Clinton St., Newark, having sketches made, 10 story and basement, 140 x 198 ft., brick and steel, plain foundation, 62 South Munn Ave., here. $1,500,000.

N. J., Weehawken — APARTMENT — Hamilton Impvt. Co., c/o G. B. McIntyre, archt. 524-17th St., West New York, having plans prepared 10 story and basement, brick and steel, plain foundation, 105 Hamilton Ave., here. $650,000.

Pa., Hanover — THEATRE — Hanover Theatre Co., c/o Glemmell & Billmeyer, archts., Rosemiller Bldg., York, having plans prepared 2 story and basement, 50 x 230 ft. theatre, here.

Pa., Jenkinstown—SALES and SERVICE—P. S. Tyre, archt., 114 South 15th St., Phila., soon lets contract 2 story and basement, 50 x 222 ft., rein.-con. and brick, plain foundation, 708 Greenaway Ave., for R. V. Cook, 250 South 18th St., Phila. $150,000.

Pa., Phila.—APARTMENT—E. L. Rothschild, archt., Bankers Trust Bldg., soon takes subbids 4 story and basement, 94 x 173 ft., rein.-con., brick and steel, plain

Buildings—Commercial (Continued)

foundation, 5220 Wayne Ave., for E. R. Fox, 212 North Broad St. Noted Aug. 4.

Pa., Phila.—APARTMENT—See "Contracts Awarded."

Pa., Phila.—STORAGE—J. L. Gillies, 5515 Germantown Ave., having revised plans prepared by G. Kingsley, 103 East 125th St., New York City, 4 story and basement, 57 x 59 ft., rein.-con. and brick, Germantown Ave., Chestnut Hill. Noted June 9.

Pa., Pittsburgh — WAREHOUSE — May Drug Co., May Bldg., and Hunting, Davis & Dunnells, archts., Century Bldg., soon lets contract 5 story and basement, 72 x 132 ft., rein.-con., brick and steel, Penn Ave. $250,000. Noted May 26. Steam heating, sprinkler system, freight and passenger elevators.

W. Va., Beckley—HOSPITAL—J. H. McColloch, doctor, having plans prepared by Warren, Tucker & Patterson, Charleston, 2 story and basement, 75 x 145 ft. addition, containing two 40 x 40 ft. brick wings. $150,000.

Ga., Atlanta — CLUBHOUSE — Burge & Stevens, archts., 101 Marietta St., soon lets contract 2 story, 48 x 205 ft., and 1 story, 32 x 48 ft. boat house, Brookhaven Dr., for Capitol City Club. $200,000.

Miss., Meridian—SALES and SERVICE—M. R. Adams, 2109 4th St., having preliminary plans prepared 3 story and basement, 100 x 275 ft., rein.-con., and brick, between 4th and 5th Sts., 17th and 18th Aves. $150,000. Private plans.

La., Shreveport—APARTMENT—G. S. Cheesman, Ricou-Brewster Bldg., having preliminary plans prepared 5 story and basement, rein.-con. and brick, Louisiana St. $150,000. Private plans.

O., Cincinnati — APARTMENT — Fechheimer & Ihorst, archts., 1010 Schmidt Bldg., soon lets contract 3 story and basement, 100 x 180 ft., rein.-con. and brick, plain foundation, Rockdale St., for Jefferson Corp., 1010 Schmidt Bldg. Noted Aug. 4.

O., Cleveland—BANK, COMMERCIAL, THEATRE—The International Building & Loan Co., c/o N. Petti, archt., Union Bldg., had plans prepared, 2 story and basement, 91 x 170 ft. rein.-con., brick and steel, East 185th St. and Kileer Ave. $200,000.

O., Cleveland—HOSPITAL—Evangelical Deaconess Hospital, A. A. Kitterer, supt., 4229 West 25th St., having plans prepared by A. E. Skeel, 5005 Euclid Ave., 2 story, 50 x 75 ft. and 50 x 150 ft., brick, steel and concrete, 4229 West 25th St. $300,000. Noted Mar. 31.

O., Cleveland — OPERATING STATION and GARAGE—The Cleveland Railway Co., C. Stanley, purch. agt., Hanna Bldg., having plans prepared by W. Watson & Associates, 4614 Prospect Ave., 2 or 3 story, rein.-con. and brick, Central Ave. and E. 10th St. $200,000.

O., Cleveland Heights (Warrenville P. O.)—APARTMENT—F. Koslen, 1727 Cumberland Ave., having plans prepared by W. A. Schobel, Engr. Bldg., Cleveland, 3 story and basement, 75 x 180 ft. apartment, Euclid Heights Blvd. and Lenox Rd. $200,000.

O., Dayton—OFFICE—Fidelity Building Assn., 5th and Main Sts., having plans prepared by Hermann & Brown, Reibold Bldg., 12 story and basement, 35 x 100 ft., rein.-con., brick, steel and limestone addition, plain foundation, South Main St. $300,000.

O., Orchard Island — HOTEL — E. S. Webb, Lima, plans 280 room hotel, also enlarging bath house, etc., Indian Lake. $300,000.

Mich., South Haven—HOTEL and BATH HOUSE—I. S. Cohen, c/o Leichenko & Esser, archts., 38 South Dearborn St., Chicago, Ill. having plans prepared and soon takes bids 3 and 4 story brick, here. $350,000.

Ill., Chicago — APARTMENT — S. Hayden, c/o Van Guten & Van Guten, archts., 28 East Huron St., having sketches made 10 story and basement, 60 x 149 ft., rein.-con. and brick, Eastlake Terrace and Howard St. $500,000.

Ill., Chicago—CLUB—Chicago Beach and Country Club, 28 East Jackson Blvd., having sketches made by J. Eberson, 212 East Superior St., 21 story, 134 x 150 ft., Shore Dr. between 55th and 56th Sts. $2,000,000.

Ill., Chicago — GROCERY STORE and OFFICE — Tebbets & Garland, 16 North Michigan Ave., having preliminary sketches made by A. S. Alschuler, 28 East Jackson Blvd., 20 story and basement, 110 x 180 ft., 16-20 West Washington St. $2,000,000.

Ill., Chicago—HOTEL and CLUB—A. S. Alschuler, archt., 28 East Jackson Blvd., prepared plans and soon takes bids 8 story and basement, 125 x 127 ft., incl. gynasium, etc., 2441 South Parkway, for South Parkway Building Co., c/o R. S. Branch, 1811 Prairie Ave.

Ill., Chicago — STORE — Erskine-Danforth Corp., 315 North Michigan Ave., having plans prepared by P. B. Maher, 157 East Erie St., 5 story and basement, 75 x 100 ft., rein.-con., brick and limestone, Michigan Ave. and Ontario St. $300,000.

Ill., Hillsdale — VILLAGE HALL and MEMORIAL—E. H. Clark, archt., 8 East Huron St., Chicago, prepared plans and soon takes bids 2½ story, brick and stone, here, for Hillsdale Memorial Bldg. Assn. $150,000.

Ill., Marion — HOTEL — Syndicate forming, c/o G. S. Jackson & Co., 1123 Boastmens Bank Bldg., St. Louis, Mo., having plans prepared by Manske & Bartling, 410 North Euclid Ave., St. Louis, Mo., 5 story and basement, rein.-con., brick, stone and terra cotta. $200,000.

Ill., Morris—HOTEL—Syndicate forming, c/o Chamber Commerce, A. I. Meyer, secy., having preliminary plans prepared rein.-con., brick and terra cotta hotel. $150,000.

Wis., Monroe—THEATRE—A. G. Wolff, archt., 453 Mitchell St., Milwaukee, soon lets contract 2 story and basement, 100 x 135 ft., steel, plain foundation, here, for Fischer Paramount Theatres, 36 South State St., Chicago, Ill. $150,000. Noted Nov. 11.

Mo., Cape Girardeau — HOTEL — Cape Girardeau Hotel Co., c/o C. L. Harrison, pres., takes bids about Oct. 1, 6 story and basement, 96 x 150 ft., rein.-con., brick, stone and terra cotta, Bway. at Fountain St. Approximately $250,000. Manske & Bartling, 410 North Euclid Ave., St. Louis, archts.

Mo., Kansas City—OFFICE and STORE—J. H. White, 532 Lee Bldg., having plans prepared by P. Drotts, 423 Reliance Bldg., and soon takes bids 11 story and basement, 111 x 123 ft., rein.-con., brick, steel and terra cotta, here.

Mo., Mt. Vernon—HOSPITAL—Lawrence Co., J. B. Moore, clk., plans 3 story, rein.-con., brick and stone hospital, here. $150,000. Noted May 26.

Ark., Little Rock—HOTEL—C. & W. Conway, c/o Hotel Grimm, Texarkana, having preliminary plans prepared by G. R. Mann, A.O.U.W. Bldg., 16 story and basement, rein.-con., steel, brick and stone addition to New Capitol Hotel, here. $500,000.

Tex., Brownsville — HOTEL — C. C. McBrunet, having plans prepared by A. F. Korn, Dallas, 5 story and basement, 150 x 200 ft., hotel. $350,000.

Tex., Edinburg — THEATRE — A. Y. Baker, (company being organized) plans 2 story and basement, rein.-con., brick and steel, plain foundation, $300,000. Engineer and architect selected.

Tex., Harlingen — THEATRE — L. L. Dent, and associates, 2009½ Jackson St., Dallas, having revised plans prepared by Birger A. Elwing, Harlingen, and soon take new bids 2 story, 60 x 140 ft., rein.-con., brick, tile and stucco, plain foundation, $150,000. Former bids rejected. Noted Aug. 11.

Tex., Houston — CLUBHOUSE — Arabia Temple, 2908 Main St., having preliminary plans prepared clubhouse, Main St. $500,000. Engineer and architect not selected.

Tex., Houston — WAREHOUSE — Gulf Investment Co., c/o B. W. Steele, pres., 1226 Post Dispatch Bldg., plans 100 x 250 ft. warehouse, Calhoun and Bway. Sts.

Tex., Liberty—COURTHOUSE—Liberty Co. having plans prepared by C. G. Curtis, 807 Paschal St., Houston, courthouse. $250,000.

Tex., Nacogdoches—HOTEL—J. T. Doster 1 East Hanover Circle, Birmingham, Ala., making plans and soon takes bids 3 story and basement, 62 x 125 ft., rein.-con. and brick plain foundation, $150,000. H. D. Breeding, c/o Watts Bldg., Birmingham, Ala., archt.

Tex., Quanah—HOTEL—J. L. Dossett, plans 4 story, concrete hotel. $175,000. Engineer and architect not announced.

Tex., San Angelo—CITY HALL and AUDITORIUM—City, c/o E. V. Spence, plans 3 story, brick, stone and concrete city hall and auditorium. $250,000. Trost & Trost, 2 Republics Bldg., El Paso, archts.

Tex., San Angelo—COURTHOUSE—Tom Green Co., c/o J. T. Mathison, judge, having plans prepared by A. F. Korn, 816 Thomas Bldg., Dallas, 2 story and basement, 64 x 175 ft., rein.-con., brick, steel and stone, $270,000. Noted June 30.

Tex., San Antonio—Salvation Army c/o E. White, colonel, St. Marys St., made plans 6 story and basement, 61 x 63 ft., brick, stone and concrete building. $175,000 or more. A. B. and R. M. Ayres, 626 Bedell Bldg., archts.

Tex., San Antonio—THEATRE—Interstate Amusement Co., c/o Hoblitzelle having plans prepared by J. Eberson, 212 East Superior St., Chicago, Ill., 20 story part basement, 160 x 203 ft., rein.-con., brick, stone, and steel, plain foundation, Houston, Navarro and St. Marys Sts. $2,000,000. Noted Jan. 6.

Okla., Tulsa—BANK and OFFICE—Weary & Alford, archts., 1923 Calumet Ave., Chicago, Ill., prepared plans and soon takes bids 15 story and tower, 60 x 135 ft. addition, brick, steel and stone, here, for Exchange Trust Co., 14 East 3rd St. Archts. est. $1,000,000. Noted Apr. 14.

Nev., Lovelock—BANK and OFFICE—First Natl. Bank, c/o L. A. Friedman, interested, plans fireproof bank and office building. $150,000 or more.

Wash., Seattle—APARTMENT—Stuart & Wheatley, archts., Walker Bldg., take bids about Aug. 19, 4 story and basement, 90 x 238 ft., masonry and terra cotta apartment, Minor Ave. North and Franklin St., for Shelby Investment Co., Walker Bldg. $185,000.

Calif., Glendale—HOTEL—L. A. Ziegler Co., 6001 Santa Monica Blvd., having plans prepared, 5 story, 60 x 100 ft. hotel, Orange and Harvard Sts. To exceed $150,000. Private plans.

Calif., Los Angeles—BANK and OFFICE—Pacific Southwest Trust and Savings Bank, 565 South Spring St., having plans prepared by Meyer & Holler, Wright-Callendar Bldg., 12 story and basement, 75 x 110 ft., steel frame, Highland Ave. and Hollywood Blvd. $500,000.

Calif., Los Angeles—GARAGE and OFFICE—C. H. Johnson, Commercial Exch. Bldg., having plans prepared by K. Macdonald, Jr., Spring-Arcade Bldg., 13 story and basement, 70 x 165 ft., rein.-con., South Bway. $750,000.

Calif., Los Angeles — HOTEL — M. L. Garrigus, 956 Ridgewood Pl., having revised plans prepared by L. L. Jones, Douglas Bldg., rein.-con. and steel, Santa Monica Blvd. and Western Ave. $450,000.

Calif., Los Angeles — LODGE — United Lodge of Theosophists, Metropolitan Bldg., had plans prepared by A. M. Edelman & A. C. Zimmerman, associated archts. 824 H. W. Hellmand Bldg., 2 story and basement, 50 x 150 ft., steel, Grand Ave. at 33rd St. $150,000.

Calif., Los Angeles—LOFT and OFFICE—Foremoan & Clark, 5th St. and Bway., having plans prepared by Curlett & Beelman, Union Bank Bldg., 13 story and basement, 90 x 140 ft., structural steel, 7th and Hill Sts. $500,000. Noted May 5.

Calif., Los Angeles—MOTION PICTURE STUDIO—Mack-Sennett Interests, c/o Austin Co. of Calif., engrs., 777 East Washington St., having plans prepared 2 story, 100 x 125 ft. administration building, shops, property buildings, film laboratory, etc., brick and steel, Ventura Blvd. $350,000.

Calif., Los Angeles—MOTION PICTURE STUDIO—Famous Players Lasky Corp., Film Exch. Bldg., plans studio in vicinity of Malibu Lake, near here. To exceed $750,000. Engineer and architect not selected.

Calif., Pasadena—BANK and OFFICE—First Trust & Savings Bank and First National Bank, soon take bids 9 story and basement, 200 x 230 ft. rein.-con. and steel, Madison Ave. and Colorado St. $1,000,000. Bennett & Haskell, 600 Security Bldg., archts. Noted Dec. 30.

Calif., Pasadena—HOTEL and APARTMENT—A. Fisher having plans prepared by R. A. Hill, 301 Chester Williams Bldg., Los Angeles, 4 story and basement, approximately 60 x 160 ft., brick and steel, Moreno St. $175,000.

Colo., Pueblo—HOTEL—P. H. Philbin Interests, Congress Hotel, purchased site and had plans prepared by Michaelsen & Rognstad, 3815 West Congress St., 17 story and basement, 68 x 120 ft., rein.-con. incl. 13 shops, 4th and Main Sts. $2,000,000.

Calif., Redon'o Beach — THEATRE — Beach Theatres Inc., having plans prepared by J. P. Perrine, Lincoln Bldg., Los Angeles 2 story, 85 x 89 ft. rein. and brick, Diamond St. and Hermosa Ave. $225,000.

Calif., Riverside—THEATRE—El Camino Holding Corp. having plans prepared by M. E. Durfee, 221 Commercial Exch. Bldg., Los Angeles, 2 story, 132 x 196 ft., brick and concrete, 1,800 seating capacity, Market and 7th Sts. $300,000.

Calif., Sacramento — HOTEL and GARAGE—W. D. McCoy, 3031 E St., plans 4 story and basement, 80 x 80 ft. hotel, and 80 x 160 ft. garage, 4th and Eye Sts. $195,000. Engineer and architect selected soon.

Calif., San Bruno—THEATRE—Eschelback & Leatherby, 465 Baden St., having plans prepared fireproof, San Mateo Ave. $150,000. Engineer and architects names withheld.

Calif., San Diego—HOTEL and TERMINAL—Pickwick Stage Corp., 102 West Bway., plans 8 story, rein.-con. addition. $500,000.

Canada — SERVICE STATIONS — Imperial Oil Ltd., 1000 St. Patrick St., Mon-

Constr. News page 87

Building—Commercial (Continued)

treal, Que., plans additional service stations throughout Canada. $300,000.

Ont., Port Arthur—HOSPITAL—Sisters of St. Joseph having plans prepared fireproof hospital. $250,000. Private plans.

Ont., Sarnia—HOSPITAL—Sarnia Hospital Comn., M. Mackenzie, chn., 308 Vidal St., N., having plans prepared by C. C. Woods, 217½ Christina St., N., 3 story and basement, rein.-con., brick, plain foundation, addition to Sarnia General Hospital building. $150,000.

Ont., Toronto—APARTMENT—Independent Builders Ltd., Temple Bldg., having plans prepared by H. J. Chown, 20 Wayland Ave., 3 story and basement, rein.-con., brick and steel, plain foundation, Bloor St. and Markham Ave. $160,000.

Ont., Toronto—APARTMENT—F. M. Squires, 407 Glenlake Ave., plans 3 story and basement, rein.-con., brick and steel plain foundation, Walmer Rd. and St. Clair Ave., $165,000. J. Hunt Stanford & Son, 57 Queen St. W., archts.

Bids Desired

Mass., Boston—HOSPITAL—City, Hospital Dept., taking bids 7 story and basement, irregular shaped brick and limestone addition, plain foundation, Harrison Ave. $450,000. J. H. Ritchie & associates, 250 Stuart St., archts.

Mass., Boston—STORE—I. Sack, 89 Charles St. taking bids 5 story and basement, brick, plain foundation, 370 Cambridge St. Eisenberg & Feer, 46 Cornhill, archts.

Mass., Boston—STORE and OFFICE—Aug. 23, by Hemingway Estate, c/o Shepard & Stearns, archts., 65 Franklin St., 8 story and basement, brick and steel, plain foundation, 120 Newbury St. To exceed $150,000. Noted June 23.

Conn., Bridgeport—GARAGE and SHOWROOM—E. A. Lambert, 542 Fairfield Ave. taking bids and opens same about August 15, 1 and 2 story, 100 x 240 ft., brick and steel, plain foundation, F. Thompson Inc., 542 Fairfield Ave., archt.

Mass., Brockton—CLUB—Aug. 23, by H. G. Sylvester, chn. building com., 2 story and basement, 50 x 135 ft., brick, plain foundation, West Elm St., for Seville Council Knights of Columbus.

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., New York—LOFT—See "Contracts Awarded."

N. J., East Orange — APARTMENTS — See "Contracts Awarded."

N. J., Irvington (br. Newark)—APARTMENT—See "Contracts Awarded."

N. J., Kearney (sta. Arlington)—OFFICE—Guilbert & Betelle, archts., 20 Branford Pl., Newark, taking bids 3 story, brick and steel, plain foundation, here for Congoleum, Nairn, Inc., Belgrove Dr. $150,000. Noted July 21.

Pa., Eddystone—OFFICE—Aug. 22, by Simon & Simon, archts., 249 South Juniper St., Phila., 8 story and basement, 46 x 46 ft. and four 53 x 157 ft. wings, rein.-con., brick, steel, granite and architectural terra cotta, plain foundation, near Baldwin Station, for Baldwin Locomotive Wks., S. M. Vauclain, pres., 500 North Broad St. Noted Aug. 4.

Ky., Louisville—BANK and OFFICE—Aug. 22, by Joseph & Joseph, archts., Francis Bldg., 10 story and basement, 40 x 200 ft., rein.-con. and steel, plain foundation, 4th Ave., for Liberty Insurance Bank, 2nd and Market Sts. $800,000. Noted Mar. 3.

O., Columbus—CLUB HOUSE—Aug. 22, by Y.W.C.A., c/o J. A. Beer, 236 15th Ave., 8 story and basement, 90 x 185 ft., brick, steel and stone, incl. swimming pool, showers, etc. South 14th St. $600,000. Meller & Reeves, 205 East Broad St., archts.

O., Shaker Heights (mail Cleveland)—APARTMENT—Van Sweringen Realty Co., Union Bldg., Cleveland, taking bids 2 story, 300 x 300 ft., brick, Moreland Circle. $400,000. Small & Rowley, 1826 Euclid Ave., Cleveland, archts.

Ind., Brazil — HOSPITAL — Sept. 12 by Comrs. Clay Co., C. J. McCullough, 3 story and basement, rein.-con. brick and steel hospital. $165,000. R. Leonard, Peoples Life Bldg., archt. Noted Dec. 30, 1926.

Ind., Corydon—COURT HOUSE—Sept. 7 by Harrison Co., 3 story, 50 x 114 ft. steel and stone. $150,000. Rowler & Karges, 707 Furniture Bldg., archts. Noted May 5.

Okla., Purcell—COURT HOUSE—Aug. 29 A. O. Maddox, chn., McLain Co., 2 story and basement, 78 x 146 ft., rein.-con. and brick, plain foundation, 4th St. $150,000. Hawk & Parr, Cotton Exch. Bldg. Oklahoma City, engrs. Noted May 12.

Calif., Eureka—HOSPITAL—Aug. 25, by F. M. Kay, clk. Humboldt Co., frame or concrete hospital. $200,000 or more. F. T. Georgeson, Standard Bldg., archt.

Constr. News page 88

Contracts Awarded

N. H., Laconia — ARMORY — Military Dept., State House, Concord, 2 story and basement, 85 x 145 ft., rein.-con., brick and steel, plain foundation, Union Ave., to Davison & Swanberg, 57 Amherst St., Manchester. Archts. est. $150,000. Noted July 28.

Vt., St. Johnsbury — HOSPITAL — St. Johnsbury Hospital, J. M. Baslien, pastor, 4 story and basement, brick, addition, plain foundation, Prospect St. to J. M. Swan & Son, St. Johnsbury. Archts. est. $150,000. Noted Feb. 10.

Mass., Boston—GARAGE and STORE—Back Bay Hotels Garage Inc., 260 Tremont St., 3 story, 38,000 sq.ft. floor space, rein.-con., plain foundation, Columbus Ave. and Dartmouth St. to W. M. Evatt Co., 200 Devonshire St. Archts. est. $500,000.

Mass., Mattapan — HOSPITAL and SCHOOL—Prendergast Preventorium, G. Hill, doctor, 29 Beacon St., Boston, 3 story and basement, irregular shaped, brick and stone addition, plain foundation, 100 Harvard St., to Semple & Clark, 44 Bromfield St., Boston, Archts. est $150,000. Noted July 14.

Mass., Quincy (br. Boston)—APARTMENT—R. Guida, c/o R. M. Stowell, archt., 184 Boylston St., Boston, 3 story and basement, 100 x 140 ft., brick, plain foundation, Fenno St. to F. Dilberto, 11 Beacon St., Boston. To exceed $150,000. Noted July 28.

Mass., Stoneham — BANK — Stoneham Five Cent Savings Bank, H. W. Parker, 375 Main St. 1 story and basement, irregular shaped, rein.-con., brick, steel and limestone, plain foundation, 347 Main St., to Hudson Constr. Co., 6 Beacon St., Boston. Archts. est. $150,000. Noted Aug. 4

N. Y., Brooklyn—APARTMENT—Derrivale Building Corp., 50 Court St., will build 4 story, 35 x 100 ft., brick and steel, plain foundation, East 12th St. and Ave. O. To exceed $150,000. Work will be done by separate contracts. M. Courland, 366 5th Ave., New York City, archt.

N. Y., New York—LOFT—A. E. Lefcourt, 1385 Bway., will build 25 story and basement, 25,000 sq.ft. floor space, brick, stone and steel, concrete foundation, 7th Ave. between 25th and 26th Sts., $7,500,000. Work will be done by separate contracts. Buehman & Kahn, 49 West 45th St., archts. Ventilating, elevators, etc.

N. Y., Rye—OFFICE—New York Telephone Co., 140 West St., New York City, 2 story, rein.-con. and stone, concrete foundation, Purchase St., here, to W. A. Berbusse Puriton Dr., Portchester. Archts. est. $185,000.

N. J., East Orange — APARTMENT — Altshuler & Cohen, 17 Tracy Ave., Newark. will build 4 story, 92 x 172 ft., brick and steel, plain foundation, 49 South Clinton St., here. $225,000. Work will be done by separate contracts. Noted July 14.

N. J., East Orange—APARTMENTS—Sharff & Koplowitz, 207 Market St. Newark will build, 4 story and basement, brick and steel, plain foundation, 251-9 South Orange Ave. $250,000. Work will be done by separate contracts.

N. J Irvington (br. Newark)—APARTMENT—N. S. Kapneck, 26 Wolcott Terrace, Newark, will build 5 story and basement, 58 x 190 ft., brick and steel, plain foundation, 20 38th St. $200,000. Work will be done by separate contracts. Noted Aug. 4.

N. J., Jersey City—BANK—C. H. Ziegler, 75 Montgomery St., archt. general contract 1 story and basement, 30 x 100 ft., brick and steel, plain foundation, to J. Mitchell, Inc., 45 Journal Sq., for Union Trust & Hudson Co., Natl. Bank, 75 Montgomery St. Archts. est. $150,000. Noted July 28.

N. J., Paterson—HOSPITAL—Fanning & Shaw, archts., 49 Ward St., general contract 7 story, 42 x 132 ft., brick and steel, plain foundation, Main St., here, to John W. Ferguson Co., 152 Market St., for St. Joseph's Hospital, 703 Main St. Archts. est. $150,000. Noted June 30.

Pa., Allentown—HOSPITAL—Allentown Hospital Assn., F. B. Gernard, 6 story and basement, 50 x 156 ft., rein.-con., brick, steel, limestone and granite, plain foundation, 17th and Chew Sts., to Butz & Clader, 519 Hamilton St. $306,000. Noted July 21.

Pa., Phila. — APARTMENT — W. L. Murphy, 1517 Pine St., will build 12 story and basement, 30 x 63 ft., rein.-con., brick and steel, plain foundation 17th and Summer Sts. Private plans. Work will be done by separate contracts.

Pa., Phila.—SALES and SERVICE—P. S. Tyre, archt., 114 South 15th St., 5 story and basement, 52 x 160 ft., rein.-con. and brick addition, Broad and Thompson St., to J. S. Rogers Co., Drexel Bldg., for Roberts-Nach Co., Broad and Thompson Sts. Archts. est. $300,000. Noted Jul 21.

Ky., Louisville—MEMORIAL—Louisville Memorial Comn., Board of Trade Bldg., general contract 3 story and basement, rein.-con., brick and stone, plain foundation, 4th and Kentucky Sts., to Struck Constr. Co., 147 North Clay St., $726,600. Archts. est. $1,000,000. Noted Mar. 10.

Ky., Louisville—THEATRE—J. Eberson, archt., 212 East Superior St., Chicago, Ill., general contract 4 story, 117 x 120 ft., rein.-con., brick and steel, 4th St. near Chestnut St., here, to G. A. Fuller & Co., 140 South Dearborn St., Chicago, Ill., for Theatre Realty Corp., Loew's Theatre Bldg. Archts. est. $1,000,000. Noted July 14.

O., Canton — HOSPITAL — Stark Co. Court, general contract, erecting buildings at hospital for tuberculosis, Louisville and Harrisburg Rds., to Melbourne Bros. Co., Brant Bldg. $449,978; heating and plumbing, to Kaufman Plumbing Co., 905 Market Ave. $124,413.

O., Cleveland—OFFICE, FREIGHT and WAREHOUSE — Pennsylvania R.R. Co., Broad St. Station, Phila., Pa., 1 and 2 story, 50 x 148 and 39 x 143 ft., brick and steel, East 26th St. and Hamilton Ave. here, to Minton-Schobell Co., The Arcade, Cleveland, O. $150,000. Noted July 28.

O., Columbus—OFFICE—Acme Development Co., 17 South High St., 12 story and basement, 71 x 118 ft., brick, steel and terra cotta, East State St., to R. H. Evans & Co., 8 East Long St. Approximately $700,000. Notde July 14.

O., Mansfield—COMMERCIAL and THEATRE—Midwest Properties Co., c/o S. H. Stecker, pres., 1836 Euclid Ave., Cleveland, masonry 2 story and basement, brick and steel theatre, here, to A. Krinsky, 783 East 88th St., Cleveland; and carpentry, to M. Bernstein, 3467 East 142nd St., Cleveland. Archts. est. $250,000. Noted July 21.

O., Youngstown—THEATRE—State Theatre Co., constructing theatre, West Federal St. near Chestnut St., to Shutromp Constr. Co., Youngstown, $150,000.

Ind., Indianapolis—APARTMENT—R. F. Buck, 4422 Central Ave., 6 story and basement, rein.-con. and brick, 15th St. and Pennsylvania Ave. to Foster Engineering Co., 726 K. of P. Bldg. $250,000.

Ind., Indianapolis — AUTO SALES — R. Wilmeth, 720 North Meridian St., 2 story and basement, 77 x 203 ft. brick and steel, 10th and 11th Sts. to W. P. Jungclaus Co., 825 Massachusetts Ave. $150,000.

Ill., Chicago — RESTAURANT and STUDIO—J. R. Thompson, c/o N. Goldenburg, 350 North Clark St., general contract 5 story and basement, 40 x 90 ft., rein.-con., brick, steel and terra cotta, 113 East Chicago Ave., to Krahl Constr. Co., 350 North Clark St. Archts. est. $175,000.

Wash., Seattle — APARTMENT — Denny Way Holding Co., c/o Baker, Vogel & Roush, archts., L. C. Smith Bldg., 4 story and basement, 100 room, class A, fireproof 16th St. and Denny Way, to Sheble & Snyder, Inc., 622 McDowell Bldg. Archts. est. $155,000.

Calif., Oakland—APARTMENT—Bercovich & associates, c/o H. C. Baumann, archt., 251 Kearny St., San Francisco, 1,000 tons structural steel for 16 story and basement, rein.-con. and steel, Grand Ave., to Pacific Coast Eng. Co., foot of 14th St. Archts. total est. $1,000,000.

Buildings—Industrial

Proposed Work

Mass., North Attleboro—REPAIR SHOP and SHOWROOM — Universal Car Co., Attleboro, plans repair shop and auto showroom on South Main St., $50,000. Engineer and architect not selected.

N. J., Newark—CHEMICAL FACTORY—G. W. Carnrick Co., 421 Canal St., New York, N. Y., plans 2 story and basement, brick and steel, plain foundation, 2-24 Mt. Pleasant Ave., here. $40,000. Engineer and architect not selected.

N. J., Piscataway town (mail New Brunswick)—GAS PLANT — International Combustion Engine Corp., 200 Madison Ave., New York City having plans prepared low tension carbonization gas plant, at Silver Lake, here. $1,500,000. Private plans.

Tenn., Old Hickory—SILK FACTORY—Dupont Rayon Co. having plans prepared Unit 3 and addition to Unit 2. $4,000,000. Private plans.

O., Baltic — FACTORY — General Clay Products Co., H. Landrum, pres. and treas., Huntington Natl. Bank Bldg., Co-

Buildings—Industrial (Continued)

lumbus, having plans prepared, 2 story, 40 x 100 ft. brick and steel, here. $50,000. Private plans.

O., Hamilton — LIGHT PLANT — City, making preliminary plans municipal electric light plant. $500,000. Froelich & Emery, 2nd Natl. Bank Bldg., Toledo, engrs.

O., Youngstown — ROLLING MILL — Sharon Steel Hoop Co., Wilson Ave., plans addition. $250,000.

O., Zanesville—FACTORY—Weller Pottery Co., Ceramic Ave., having plans prepared, 3 or 4 buildings, rein.-con. and brick to replace fire loss. $400,000. Private plans.

Wis., Milwaukee — PRESS MANUFACTURING—Logemann Bros. Co., 3130 Burleigh St., having plans prepared by E. R. Liebert, 49 East Wells St., 50 x 200 ft., steel addition, plain foundation. $60,000.

N. D., Lehigh—BRIQUETTING and POWER PLANT, etc.—Lehigh Briquetting Co., soon takes bids briquetting and power plant, incl. deep well, 500 g.p.m. pumping plant, 600 hp. plant; sewage disposal plant; water tower and tank; 300 ton coal bunker, etc. $700,000. R. W. Richardson, 301 Zenith Bldg., St. Paul, Minn., engr.

Tex., Donna — ASSEMBLING — Great Western Motor Co., c/o R. J. Lynn, Oakland, Calif., purchased site and having plans prepared 1 story, concrete and brick assembling plant incl. equipment. $100,000. Private plans.

Tex., Ft. Worth — CARBON BLACK PLANT—W. B. Alt Eng. Co., Capps Bldg., making plans carbon black plant. $150,000. Engineer and architect not selected.

Tex., Hale Center—REFINERY—J. Kegan, Plainview and T. Thornton, Amarillo, making preliminary plans oil refinery here. Private plans.

Tex., Ingleside — REFINERY — Humble Oil & Refining Co., Humble Bldg., Houston, purchased 200 acre site and plans oil refinery plant, near here, $250,000; also deepening and widening Turning Basin using dredgings to make 12 ft. fill, $150,000, and steel oil tanks, $500,000. Private plans.

Tex., Jacksonville—ELECTRIC LIGHT PLANT—F. E. Churchill, making preliminary plans electric light plant. $45,000.

Tex., Lockhart—OIL MILL—Lockhart Oil Mill c/o M. Dey, making plans rebuilding plant recently destroyed by fire. $45,000.

Tex., Lubbock — CARBON BLACK PLANT—Skelly Oil Co., plans steel and sheet iron carbon black plant, here. $300,000. Private plans.

Tex., Marfa—COTTON OIL MILL—Big Bend Cotton Oil Co., c/o J. M. Duke, Marfa, purchased site and plans cotton oil mill. $75,000. Private plans.

Tex., Marshall — FACTORY — Marshall Wood Products Co. plans 2 story factory and 2 warehouses. Private plans.

Tex., Mirando City—CARBON BLACK PLANT—U. Carson and associates, Laredo, making preliminary plans, etc., carbon black plant for Cole Oil Fields, near here, $150,000; also plant near Webb, in Webb Co., $125,000. Private plans.

Tex., Mount Pleasant — HARDWOOD MILL—G. C. Ehemann & Co., Memphis, Tenn., making surveys and preliminary plans, etc. hardwood mill, here. $75,000 or more. Private plans.

Tex., Plainview—SKIMMING PLANT—E. C. Hofstra, Amarillo, making surveys, etc., skimming plant on 180 acre site recently purchased. $75,000. Private plans.

Tex., Presidio—MACHINE and REPAIR SHOP—Kansas City, Mexico & Orient Ry. Co., W. L. Churchhill, ch. engr., Wichita, Kans., purchased 320 acre site and making plans machine and repair shop. $200,000. Private plans.

Tex., Seguin—CONDENSING PLANT—Southern Gas Co., c/o Frost Bldg., San Antonio, purchased site and plans condensing plant, $90,000, also natural gas system. Private plans.

Tex., Texas City—POWER PLANT—Texas-Gulf Power Co., plans power plant. $70,000. Private plans.

Ok'a., Harrah—POWER PLANT—Oklahoma Gas & Electric Co., Insurance Bldg., Oklahoma City, having preliminary plans prepared 35,000 k.w. addition to power plant, incl. steam turbine equipment, generators, condensors, etc., here. $400,000. Byllesby Engineering Co., 231 South La Salle St., Chicago, Ill., engr.

Colo., Royal Gorge—POWER PLANT—Southern Colorado Power Co., Pueblo, plans hydro-electric generating power plant. W. N. Clark, genl. mgr.

Wash., Tacoma — STEEL PLANT — Charles Jone & Co., 106 Rust Bldg., plans 60 x 300 ft. steel plant. $200,000.

Bids Desired

Mass., Cambridge (Boston P. O.)—FACTORY—See "Contracts Awarded."

Mass., New Bedford—MACHINE SHOP, etc.—City, W. P. Hammersley, supt. Building Dept., Municipal Bldg., taking bids 1 story, brick, plain foundation, machine shop and storage, Smith St. $50,000. L. L. Brode, 888 Purchase St., archt.

N. J., Newark—FACTORY—See "Contracts Awarded."

Pa., Bethlehem—POWER—Aug. 22, by Central R.R. Co. of New Jersey, A. E. Ower ch. engr., Jersey City, N. J., 1 story and basement, 46 x 80 ft. rein.-con., brick and steel, plain foundation, here. Private plans.

Wis., Wauwatosa—LAUNDRY—Aug. 20, by Peacock & Frank, archts., 445 Milwaukee Ave., Milwaukee, 2 story and basement, 73 x 118 ft., rein.-con., plain foundation, Wisconsin Ave., for Wauwatosa Family Laundry Co., here. $125,000.

Contracts Awarded

Mass., Cambridge (Boston P. O.)—FACTORY—A. R. Hyde Shoe Co., 440 Columbia St will alter and construct 2 story, brick addition, plain foundation, Columbia St. $40,000. Work to be done by separate contracts. Eisenberg & Feer, 46 Cornhill, Boston, archts.

N. Y., Newburgh—PAPER MILL—Spencer-Wynne Paper Co., general contract 1 story, 120 x 340 ft., brick and steel, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Archts. Est. $100,000.

N. J., Camden—GARAGE—Pub. Serv. Production Co., archts., Terminal Bldg., Newark, 1 story and basement, 140 x 155 ft., rein.-con., brick and steel, plain foundation, 17th and Stevens Sts. to R. R. Gore, 1712 Ludlow St., Phila., Pa. for Pub. Serv. & Gas Co., 418 Federal St. Noted June 16.

N. J., Newark—FACTORY—Hygienic Tube Co., 88 McWhorter St., will build 1 story 55 x 122 ft., brick and steel, plain foundation, Ave. L and Niagara St. $40,000. Work will be done by separate contracts. A. Peter, 207 Market St., archt.

N. J., Newark — FACTORY — General Lead Batteries Co., 4 Lister Ave., general contract 1 story, 90 x 375 ft., brick and steel, plain foundation, Chapel St., to Miller-Blythe Inc., 415 Lexington Ave., New York City, N. Y. Archts. est. $50,000.

N. J., Rahway — FACTORY — Monte Christi Corp., 67 Campbell St., excavation contract, 1 story, 60 x 175 ft. brick and steel, plain foundation to Miller Blythe, Inc., 415 Lexington Ave., New York City. $40,000.

W. Va., South Charleston (br. Charleston)—PLANT—Westvaco Chlorine Products, Inc., A. M. Pitcher, gen. mgr., 1 story and basement, 40 x 50 ft. boiler house, 40 x 150 ft. rotary convertor building, 210 x 210 ft. cell house, etc., all brick, steel and concrete, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O.

Fla., Tampa—OXYGEN PLANT—Linde Air Products Co., 30 East 42nd St., New York, N. Y., plans 1 story, brick and steel, concrete foundation here. $200,000. Work will be done by separate contracts. Private plans.

O., Cleveland—OFFICE and FACTORY—Modern Mfg. Co., W. F Bach, secy. and treas., 4734 Hough Ave., 1 and 2 story, 120 x 165 ft. brick and steel to L. Dautel & Son, 5710 Hough Ave. $40,000.

O., Cleveland—FACTORY—Harry Trottner & Co., 235 East 131st St., 1 story, 110 x 114 ft., brick and steel addition, 235 East 131st St., to Minton Scobell Co., Arcade Bldg. Archts. est. $50,000.

O., Cleveland — SALES and SERVICE STATION and GARAGE—N. Perry, c/o Goakes & Dettelbach, Williamson Bldg., 2 story. 50 x 200 ft. brick and steel, 7224 Euclid Ave. to S. W. Emerson Co., 1836 Euclid Ave. $100,000.

O., Columbus—FACTORY—Wolfe Bros. Shoe Co. 40 South Front St., 5 story and basement, 35 x 100 ft. rein.-con., brick and steel, to D. W. McGrath & Sons, 255 East Broad St. $125,000.

Ind., Anderson — FACTORY — Maring Wire Co., Muskegon, Mich., 110 x 250 ft. factory, 31st and Noble Sts., to Ethelman Co., 714 Jackson St. $50,000. Noted June 16.

Mo., Osceola—POWER HOUSE, etc.—Ozark Utilities Co., J. K. Green, pres., Pleasant Hill, constructing 2,000 hp. power plant, low head gravity dam, approximately 400 ft. long, etc., to G. P. Reintjes Co., 2517 Jefferson St., Kansas City. Engrs. est. $250,000.

Tex., Beaumont—POWER PLANT—Gulf State Utilities Co., c/o J. G. Holtzclaw, vice pres., will build 30,000 kw. addition on Neches River, near here, by day labor. $4,000,000. Private plans.

Tex., Houston—PUBLISHING PLANT—Houston Press and Scripps-Howard, Inc., Cleveland, O., 2 story and basement, with tower, 78 x 200 ft., brick, concrete and steel, Rusk, Chartres and St. Emanuel Sts. to D. Hall, Cotton Exchange Bldg., $238,000.

Calif., Long Beach—PLANT—Southern California Edison Co., 306 West 3rd St., Los Angeles, 1 story, 186 x 235 ft. main building, and 2 story, 59 x 85 control house, rein.-con., at Terminal Island, here, to Stone & Webster, Laughlin Bldg., Los Angeles, $850,000.

Buildings—Educational, Religious

Proposed Work

Mass., Agawam—CHURCH—St. David's Church, T. F. Davies, bishop, Episcopal Diocese, Lenox, plans church, $150,000 or more. Engineer and architect not selected.

Mass., Boston—SCHOOL—Church of Our Lady of Grace, T. A. Walsh, pastor, soon take bids 2 story and basement, irregular shaped, brick and stone, plain foundation, Nichols St. $150,000. M. Sullivan, 200 Boylston St., archt.

Mass., Fall River—SCHOOL—City, W. P. Pritchard, chn. School Com. plans Domestic Science School, Rock St., $150,000. Engineer and architect not selected.

Mass., North Adams — SCHOOL — St. Francis Roman Catholic Church, E. F. Danphy, 75 Eagle St., having plans prepared by J. W. Donahue, 1242 Main St., Springfield, 2 story and basement, brick, plain foundation, Eagle St. To exceed $150,000.

Mass., Quincy (br. Boston) — HIGH SCHOOL—City, Public Building Dept., had plans prepared by W. Chapman, 15 Ashburton Pl., Boston, Junior High School, brick and steel addition, at Daniel Webster School. $300,000.

Conn., New Britain—CHURCH—St. John the Evangelist, T. J. Laden, pastor, having plans prepared by H. Ludorf, 122 Main St., Hartford, 1 story and basement, brick, steel and brown stone, East St. $250,000. W. Berg, 410 Asylum St., Hartford, assoc. archt. Noted May 12.

N. Y., White Plains—CHURCH—Church of Our Lady of Mt. Carmel, 70 South Lexington Ave., having plans prepared by R. M. Almiroty, 2 West 45th St., altering and constructing 1 story addition, brick and stone. $170,000.

N. J. Dumont—HIGH SCHOOL — Bd. Educ. Madison Ave. had plans prepared by Hacker & Hacker, Main St., Fort Lee, 2 and 3 story, brick and steel, plain foundation, New Milford Ave., here. $450,000.

N. J., Newark—SCHOOL—Bd. Educ., City Hall, plans 3 story and basement, brick and steel, plain foundation, 1st Ave. between 10th and 11th Sts. $375,000. Engineer and architect not selected.

N. J., Newark—SCHOOL—Bd. Educ., City Hall, having revised plans prepared by F. Grad, 1023 Broad St., 3 story and basement, brick and steel, plain foundation, Bragaw Ave., here. $400,000. Noted July 14.

N. J., New Brunswick—SCHOOL—Bd. Educ Livingston Ave. soon takes bids 2 story and basement, 55 x 130 ft., brick and steel, plain foundation, Wyckoff and Bartlett Sts. $150,000. A. Merchant, 52 Patterson St., archt. Noted June 2.

N. J., North Bergen (Ind. br. Weehawken) —SCHOOL—Bd. Educ., Town Hall, Hudson Blvd., having plans prepared by F. Hensel, 254 Summit Ave., Union City, 3 story and basement, 150 x 175 ft., brick and steel, plain foundation 38th to 39th Sts. between Hudson Blvd. and Midway Pl. $850,000. Noted May 26.

N. J., Princeton—HIGH SCHOOL—Bd Educ. having plans prepared by E. Sibley, 1034 Edgewood Lane, Palisade, 2 story and basement, brick and steel, irregular size, plain foundation, North Moore St., here. $750,000. Noted May 17.

N. J., Tenafly—SCHOOL—Bd. Educ., Borough Hall, Washington Ave., plans 2 story, brick and steel, plain, foundation, here. $150,000. Engineer and architect not selected.

N. J., Trenton—HIGH SCHOOL—Bd. Educ., having plans prepared 2 story and basement, brick and steel, plain foundation, Chamber and Hamilton Aves. $3,000,000. Noted May 17.

N. J., Trenton—SCHOOL—Hamilton Twp., plans additions to 3 schools. $320,000. W. A. Keman, First Natl. Bank, Trenton, engr.

Pa., Glassport — HIGH SCHOOL — Bd. Educ., having plans prepared by H. C. Clipper, Century Bldg., Pittsburgh, 2 story and basement, brick and steel, here. $175,000.

Constr. News page 89

Buildings—Educational, Religious (Cont.)

Pa., Phila.—TRAINING SCHOOL—University of Pennsylvania, 34th and Spruce Sts., plans teachers training school on campus, here. $1,500,000. Engineer and architect not selected.

Pa., Reading—SCHOOL—School Bd. c/o G. Beggs, having plans prepared by Mahlenberg Bros., 511 Penn St., 2 story and basement, 231 x 239 ft., rein.-con. and brick, plain foundation, 5th St. below Spruce St.

W. Va., Bethany — DORMITORIES — Bethany College having preliminary sketches made by A. L. Thayer, Greer Bldg., New Castle, Pa., two brick and steel dormitories. $350,000.

Tenn., Cleveland — SCHOOLS — Voted $150,000 bonds, for school buildings.

O., Dayton—HIGH SCHOOL—Bd. Educ., C. S. Schmidt, clk., rejected bids July 11. North Dayton High School, 2 story and basement, rein.-con. and brick, plain foundation, Webster St. Herman & Brown, Reibold Bldg., archts. Noted Aug. 4.

O., Salem—SCHOOL—City having plans prepared by Owsley Co., 669 Wick Ave., Youngstown, grade school, 2 story and basement, brick and steel Reilly Field. $200,000.

Tex., Corpus Christi—LIBRARY—W. W. Watkin, archt., Houston, soon takes bids 2 story and basement, 85 x 250 ft. library, here, for City, $150,000.

Tex., Lubbock — ENGINEERING — W. C. Hendrick, archt., 1005 1st Natl. Bank Bldg. Ft. Worth takes bids about Sept. 1, brick stone, steel and rein.-con. engineering building, for Texas Technical College c/o E. W. Provence, secy. $240,000.

Tex., San Antonio—SUNDAY SCHOOL—Beacon Hill Baptist Church, c/o W. H. Joyner, pastor, having preliminary plans prepared rein.-con., brick and tile, plain foundation, Fredericksburg Rd. and Ashby Pl. $150,000. Engineer and architect selected soon.

Calif., Girard — BOYS' HOME — Protestant Welfare Assn., Los Angeles, having preliminary plans prepared by C. L. Jay, 871 East Washington St., Los Angeles boys home. $150,000.

Bids Desired

Mass., Attleboro—CHURCH—St. Joseph Roman Catholic Church. A. Berube, pastor, 208 South Main St., taking bids 1 story and basement, brick and stone, plain foundation, $150,000. W. F. Fontaine, 285 Main St., Woonsocket, R. I., archt. Noted June 23.

Mass., Malden (Boston P. O.) — HIGH SCHOOL—City, A. J. Plummer, chn. com., taking bids and opens same about Aug. 19. Junior High School, 2 story and basement, brick and stone, plain foundation, Pleasant St. To exceed $250,000. Desmond & Lord, 1 Beacon St., Boston, archts., C. F. Springall, 84 Sprague St., assoc. archt. Noted July 6.

Mass., Quincy (Boston P. O.)—HIGH SCHOOL—Aug. 23, by City, T. T. McGrath, mayor. Junior High School, 2 story and basement, irregular shaped, brick and stone, plain foundation, Newcomb Pl., $275,000. W. Chapman, 15 Ashburton Pl., Boston, archt. Noted July 21.

Mass., West Roxbury (br. Boston)—SCHOOL—Aug. 18, by Schoolhouse Dept., Boston, 2 story and basement, brick and limestone, plain foundation, Longfellow Dist., here. $200,000. Newall & Blebins, 9 Park St., Boston, archts. Noted June 23.

Conn., West Hartford (br. Hartford) — SEMINARY—St. Thomas Seminary, M. F. McAuliffe, pastor, taking bids 3 story and basement, 60 x 480 ft., 40 x 160 ft., rein.-con., brick, steel and limestone, heating plant, laboratories, dormitories, chapel. Bloomfield Rd., $1,000,000. L. A. Walsh, 51 Leavenworth St., Waterbury, archt. 88th St., Cleveland; and carpentry, to Noted July 28.

N. Y., Brooklyn—SCHOOL—Sept. 7, by W. H. Gompert, archt. and supt. School Buildings, Flatbush Avenue extension and Concord St., P. S. 14, Eastern Blvd. south of Baisley Ave., for Bd. Educ., 500 Park Ave., New York City.

N. Y., College Point (Ind. Sta. Flushing) —SCHOOL—Sept. 7, by W. H. Gompert, archt. and supt. School Building, Flatbush Ave. extension and Concord St., Brooklyn. P. S. 19, 3 story, 180 x 180 ft., brick, steel and stone, plain foundation, 23rd Ave., here, for Bd. Educ., 500 Park Ave., New York City. Noted Jan. 6.

N. J., Pennsauken (mail Merchantville)—VOCATIONAL SCHOOL—Aug. 22, by Bd. Freeholders, Camden Co., Court House, 2 story, 148 x 310 ft. administration building, 5 shop buildings, 2 story 62 x 100 ft.; 35 x 100 ft., greenhouse, and 32 x 63 swimming pool, Browning Rd. north of Marlton Pike. Lacking & Hettle, 5 Hudson Bldg., Camden archts.

Ind., Nappenee—HIGH SCHOOL—School Comrs. taking bids, 2 story and basement, 100 x 200 ft., brick, stone and steel, high school. $180,000. E. I. Brown, 309 First Natl. Bank Bldg., archt.

Mich., Pontiac—SCHOOL—Aug. 29, by G. Morris, R.R. 4, 2 story and basement, rein.-con., brick and steel, plain foundation York and Boston Aves., here for Bd. Educ., Dist 5. $150,000. Lane, Davenport & Peterson, 1017 Charlevoix Bldg., Detroit, archts.

Ill., Chicago—SCHOOLS—Aug. 25, by Bd. Educ., 650 South Clark St., J. E. Byrnes, bus. mgr., Hookway School, 81st and Federal Sts. and Manley School, Polk St. and Sacramento Ave., both 3 story, 90 x 248 ft. concrete, stone, terra cotta, tile and marble. $500,000. J. C. Christensen, 650 South Clark St., archt.

Ill., East St. Louis—SCHOOL—Aug. 22, by Bd. Educ., J. S. Pidgeon, 600 St. Louis Ave., secy., 2 story and basement, 66 x 131 ft., rein.-con. brick and stone, 74th St. near State St. $150,000. J. G. Steinbach, 155 North Clark St., archt.

Tex., Brownsville — HIGH SCHOOL — Aug. 29, by Bd. Educ., 2 story, rein.-con. and brick, plain foundation, $350,000. Phelps & DeWees, 718 Gunter Bldg., and A. B. & R. M. Ayres, 626 Bedell Bldg., San Antonio, archts.

Tex., San Angelo—HIGH SCHOOL—Sept. 6, by Bd. Educ. c/o S. W. March, Junior College, 2 story, rein.-con., brick and stone, $250,000. Phelps & DeWees, 718 Gunter Bldg., San Antonio, archts. Noted June 23.

Calif., Los Angeles—LIBRARY, AUDITORIUM, etc.—Aug. 25, by Regents of University of California, 855 North Vermont St., constructing library, classroom and auditorium building, etc., Westwood campus. To exceed $150,000.

Bids Received

Mass., Hyde Park (br. Boston)—HIGH SCHOOL—City, Schoolhouse Dept., Boston, 3 story and basement, irregular shaped, brick and limestone, plain foundation, Greenwood St., Metropolitan and Central Aves., from P. Caputa, 363 Hanover St., Boston, $1,123,550. Noted July 28.

Contracts Awarded

Mass., Boston — ADMINISTRATION — President & Fellows of Harvard College, Cambridge, 5 story and basement, 120 x 170 ft., brick, plain foundation, to L. D. Willcitt & Sons, 146 Summer St. Archts. est. $150,000.

Mass., North Andover—CHURCH—Trinitarian Congregation Church c/o G. G. Adams, archt., 101 Essex St., Lawrence, altering and constructing 1 and 2 story and basement, brick, plain foundation, Pleasant St., to D. J. Costello, 30 Main St., Archts. est. $150,000.

Mass., Roxbury (Boston P. O.)—SCHOOL—City, Schoolhouse Dept., Boston, 3 story and basement, irregular shaped, brick and limestone, plain foundation, Kearsarge Ave. and Winthrop St., here, to M. Cummings Constr. Co., 43 Tremont St., Boston, $437,750. Noted June 30.

Mass. Wellesley — DORMITORIES — Wellesley College, Haxard Hall and Olive Davis Hall, each 4 story and basement, brick, steel and limestone, plain foundation, to Simpson Bros. Corp., 77 Summer St. Boston, Archts. est. $300,000. Noted July 21.

R. I., Warren—HIGH SCHOOL—Town, C. H. DeWolf, South Main St. Senior and Junior High School, 2 story and basement, brick and stone, plain foundation, South Main St., to Greany & Sherry, 82 Davol St., Fall River, Archt. est. to exceed $150,000. Noted July 28.

Conn., New Haven — GYMNASIUM — Yale University Athletic Assn., 1 story, 160 x 300 ft., rein.-con., brick and steel, Maltby Ave., to Natl. Constr., 151 Court St. Archts. est. $200,000. Noted Aug. 4.

N. Y., Bronxville—(Ind. br. Yonkers)—NURSES HOME — Lawrence Hospital, Pondfield Rd., West Bronxville 5 story, nurses home, to G. N. Schmiedel, Parkway Rd., Bronxville, Archts. est $150,000. Noted May 5.

N. Y., Buffalo—SCHOOL—Bd. Educ., 900 Genessee St., 3 story, rein.-con., brick and steel, plain foundation here to Frontier Constr. Co., Seneca and Main Sts. Archts. est. $700,000. Noted Mar. 10.

N. Y., Far Rockaway—HIGH SCHOOL—Bd. Educ., 500 Park Ave., New York City, general contract high school, Beach 25th and 29th Sts., here, to Psaty & Furhman, Inc., 153 West 72nd St., New York City, $1,450,971.

Pa., Altoona—HIGH SCHOOL—Altoona School Dist., W. N. Decker, secy., 1500 6th Ave., Senior High School Annex, 3 story and basement, 240 x 300 ft., brick, steel and concrete, 14th St., to J. C. Snyder, Sellingrove, $623,444.

Pa., Mt. Lebanon (Pittsburgh P.O) — CHURCH—Mt. Lebanon United Presbyterian Church, general contract 1 and 2 story and basement, irregular shaped, stone and steel addition, North Liberty Ave., to Henry Busse Co., Main and Wabash Sts., Pittsburgh. Archts. est. $250,000. Noted June 23.

Tenn., Nashville—COLLEGE—Bd. Trustees Vanderbilt University, three 3 story and basement, rein.-con. and stone college buildings, on campus, to Rock City Constr. Co., 150 4th Ave. N., $700,000. Noted June 16.

Ky., Lexington — RECITATION — University of Kentucky, F. L. McVey, pres., 3 story and basement, concrete, brick and steel, to J. P. Hardeymon, Maysville. Archts. est. $250,000. Noted July 21.

O., Youngstown — EDUCATIONAL — Westminster Presbyterian Church, 3 story and basement, concrete, brick and steel educational building adjoining church, here, to L. Adovasio, Youngstown $150,000.

Ind., South Bend — SCHOOL — School Trustees, R. B. Dugdale, pres., 2 story and basement school to H. G. Christman, 306 South Notre Dame St., $137,500. Engrs. est. $200,000.

Mich., Romeo—HIGH SCHOOL—Bd. Educ., general contract 2 story and basement, brick, steel and rein.-con. addition, plain foundation, to Gallagher-Fleming Co., 6500 Epworth Blvd., Detroit. Archts. est. $150,000.

Ill., Chicago—SCHOOLS—Bd. Educ., 650 South Clark St., J. E. Byrnes, bus. mgr., two 3 story, 90 x 240 ft. school buildings, one at 76th and Lincoln Sts., other at 58th and Turner Sts., to S. N. Neilson Co., 3059 Augusta St., $204,963 and $201,963.

Ill., Oak Park—COMMUNITY HOUSE — E. E. and E. C. Roberts, archts., 82 West Washington St., general contract 3 story community house, Oak Park Ave. and Ontario St., to G. Thompson & Son Co., 38 North La Salle St., Chicago, for 1st Baptist Church. Archts. est $250,000. Noted July 7.

Calif., Riverside — HIGH SCHOOL — Trustees Riverside Junior High School Dist., (Cemawa Junior High School), general contract rein.-con. high school, to E. F. Wopschall, 35 North Bway, Pasadena, $237,000. Noted May 5.

Federal Government Work

Bids Desired

Me., Bar Harbor—Altering—Spec. 5406—Sept. 7, by Bureau Yards & Docks, Navy Dept., Wash. D. C., altering buildings at Naval Radio Station, here. Noted Aug. 11.

New York—Dredging—Sept. 12, by U. S. Engineer Office, Army Bldg., Whitehall St., New York City, dredging and rock removal in Mamaroneck Harbor and in Hempstead Harbor. Adv. E. N.-R. Aug. 18.

N. J., Oceanport—Hospital—Sept. 9, by Constructing Quartermaster, Fort Monmouth, constructing hospital building, at Fort Monmouth, here; adv. E. N.-R. Aug. 18.

Va., Yorktown—Magazine Buildings—Spec. 5476—Sept. 7, by Bureau Yards & Docks, Navy Dept., Wash., D. C., constructing 77 magazine buildings, at Navy Mine Depot, here; adv. E. N.-R., Aug. 18.

Ala., Montgomery—Barracks—Sept. 12, at office Quartermaster General, Wash. D. C. constructing barracks at Maxwell Field, here. Noted Jan. 20.

Tenn., Memphis—Shops—Sept. 3, by U. S. Veterans Bureau, Arlington Bldg., Wash. D. C. shop buildings, additions, to main building, etc. at U. S. Veterans Hospital 88, here.

Ill., Sterling—Remodeling—Sept. 1, by Treas. Dept., at office Supervising Archt., Wash. D. C. remodeling U. S. Post office, here.

Wis., Milwaukee—Barges—Sept. 13, by U. S. Engineer Office, constructing 2 steel barges; adv. E. N.-R. Aug. 18.

Mo., St. Louis — Hospital — Sept. 6, by Treas. Dept., at office Supervising Archt., Wash. D. C. improving U. S. Marine Hospital, here.

Wash., Port Orchard—Dredging—Aug. 31, by U. S. Engineer Office, Seattle, dredging in bay, here.

Constr. News page 89

Federal Government Work (Continued)

Bids Received

O., Cincinnati — Conduits, etc. — Treas. Dept., at office Supervising Archt., Wash. D. C., Aug. 3, conduits, etc. here from Michaels & Co., Flat Iron Bldg., Norfolk, Va., $38,470. Noted July 21.

Mo., St. Louis—Barges—U. S. Engineer Office, 428 Customhouse, Aug. 3, 6 steel barges from Howard Ship Yard & Dock Co., Jeffersonville, Ind. $49,272. Noted July 21.

Calif., Rio Vista—Dredging— U. S. Engineers Office, from Paris Bros., Rio Vista, constructing 30,000 to 39,999 cu.yd. retaining embankment near west bank Sacramento River, near here, $0.14; 40,000 to 50,000 cu.yd. $0.129, over 50,000 cu.yd. $0.119 and per hour for other work $6.00.

Contracts Awarded

Rhode Island and Connecticut — Breakwaters—U. S. Engineer Office, Providence, R. I. repairing breakwaters at Point Judith R. I. and Duck Island Harbor, Conn. to Merritt Chapman & Scott Corp., 17 Battery Pl., New York City, N. Y. $194,760. Noted June 23.

D. C., Wash.—Power Plant Equipment—Spec. 5344—Bureau Yards & Docks, Navy Dept., Wash. D. C. power plant equipment for Naval Hospital, here to M. H. Pagenhardt & Co., 2130 Locust St., Phila., Pa. $17,964. Noted Aug. 11.

S. C., Charleston—Rewinding Motors—Spec. 5443—Bureau Yards & Docks, Navy Dept., Wash. D. C. rewinding dry dock pump motors, here to Keystone Electric Co., 110 East Pratt St., Baltimore, Md., $5,800. Noted July 28.

Ill., Batavia—Post Office—Treas. Dept., at office Supervising Archt., Wash. D. C. constructing U. S. Post Office, here to Ring Constr. Co., 95 South 11th St., Minneapolis, Minn., $71,057. Noted June 9.

Nebraska—Wyoming—Power Plant Unit—Bureau Reclamation, Mitchell, Neb., installing (2nd unit) Guernsey Power Plant, North Platte Project, here to Utah Constr. Co., Eccles Bldg., Ogden, Utah, $20,860.

Wash., Puget Sound—Fence—Spec. 5319—Bureau Yards & Docks, Navy Dept., Wash. D. C. renewing yard fence at Navy Yard, here to Gaddis & Dixon, P. O. Box 967, Medford, Ore. $14,612. Noted July 14.

California — Bridges — Dept. Interior, 5 bridges and earth approach fills in Yosemite Natl. Park to Rocca & Caletti, 185 Stevenson St., San Francisco, $157,758.

Unclassified

Proposed Work

Transit Station—Dorchester (Sta. Boston), **Mass.**—City, Transit Dept., 1 Beacon St., Boston, having plans prepared by W. D. Austin, 120 Boylston St., Boston, 1 story rein.-con., brick and steel, plain foundation, Shawmut Station, here. $100,000. E. R. Springall, 1 Beacon St., Boston, engr.

Golf Course—Hyde Park, (br. Boston) **Mass.**—City of Boston, Dept. Pub. Wks., plans golf course, here. $200,000. J. H. Sullivan, comr.

Airport—Scituate, Mass.—F. Chapman and F. W. Darty, plans 25 acres airport, Branch Ave. $50,000. Private plans.

Airport—Taunton, Mass.—City, A. J. McGraw, mayor, plans airport. $25,000 or more. Engineer not selected.

Bulkhead, Docks, etc.—Elizabeth, N. J.—Elizabeth Sash Door & Supply Co., 663 Livingston Ave., making plans concrete and timber bulkhead and docks on plot 300 x 300 ft., and 240 x 240 ft., here. $500,000. Private plans.

Swimming Pool—Pensauken (mail Merchantville), **N. J.**—See "Buildings—Educational, Religious."

Natural Gas System — Texas — West Texas Gas Co., Lubbock, (subsidiary Prairie Oil & Gas Co., Independence, Kan.) making plans natural gas system in Idalou, Lorenzo, Crosbyton and Ralls, $40,000 each, also loop line out of Lubbock and tie with Floydada line $150,000. Private plans.

Pipe Line—Texas—W. B. Alt Eng. Co., Capps Bldg., Ft. Worth, making plans pipe line from Nocona to Ft. Worth. $800,000.

Power Transmission Line—Texas—Gulf State Utilities Co., c/o J. G. Holtzclaw, vice pres., making plans and soon take bids 33,000 volt high power transmission line from Conroe to Huntsville, Trinity and Groveton, $70,000, 60,000 volt line from Dayton to Cleveland and Conroe, $75,000, and 33,000 volt line from Huntsville to Navasota, Madison and Normangee. $125,000. Private plans.

Transmission Line — Texas — Comal Power Co., New Braunfels, Lone State Power Co. (subsidiary), c/o W. B. Tuttle, San Antonio, plans 40 mi. power transmission line to Floresville, incl. Stockdale, Poth, Falls City, etc. $100,000. Private plans.

Golf Course and Swimming Pool—Abilene, Tex.—J. W. Nance and A. T. Jones, making plans golf course and concrete swimming pool. $50,000. Private plans.

Underpass—Amarillo, Tex.—City and Ft. Worth and Denver R.R. Co., C. Gowdy, Denver, Colo., chn. engr., and Chicago, Rock Island and Pacific R.R., C. A. Morse, La Salle St. Station, Chicago, Ill., ch. engr., soon take bids 140 ft. rein.-con. underpass at 3rd St. Crossing, $75,000, also 110 ft. rein.-con. underpass at North Amarillo Crossing, $75,000. J. D. Bartlett, city mgr.

Airport—Colorado, Tex.—A. L. Miller, purchased site and plans airport on Bankhead Highway 3 mi. east here. $75,000. Private plans.

Golf Course—Corpus Christi, Tex.—S. Robertson and J. M. Parker, purchased 819 acres land on Padre Island complete golf course. $100,000. Private plans.

Grain Elevator—Denison, Tex.—Knaur Grain Co., c/o G. Knaur, making plans 52,000 bu. capacity, 114 ft. high rein.-con. grain elevator, with 8 large circular bins and 4 small bins, each 90 ft. deep. Southwestern Eng. Co., Springfield, Mo., engrs.

Oil Tanks—Ingleside, Tex.—See "Buildings—Industrial."

Wharf, Point Isabel, Tex.—Page L'Hoe, Ltd., New Orleans, La., plans 1,600 lin.ft. x 60 lin.ft. rein.-con. wharf. $250,000. Private plans.

Power Transmission Line—Post, Tex.—Texas Utilities Co., Slaton, making plans high power transmission line. $35,000. Private plans.

Airport—San Antonio, Tex.—City making surveys, etc. airport to be located at Remount Station, $100,000. I. Ewig, city engr.

Golf Course, etc.—San Benito, Tex.—F. L. & B. W. Hinkly, making plans golf course on 45 acres land near here, incl. paving $30,000, and waterworks $25,000. Private plans.

Grain Elevator — South Plains, (mail Lockney) **Tex.**—B. Thornton and G. Bean, Lockney, purchased site and making plans 20,000 bu. capacity, steel and concrete grain elevator. $70,000. Private plans.

Gas Pipe Line—Oklahoma and Texas—Phillips Petroleum Co., Bartlesville, Okla., made preliminary plans 250 mi. gas pipe line from Panhandle, Tex. to Norge, Okla. $10,000.000. A. H. Riney, Bartlesville, Okla., ch. engr.

Pipe Line—Enid, Okla.—Champlin Refining Co., Enid, making plans 8 in. pipe line in Garber-Covington Field. $100,000.

Lighting System—Woodward, Okla.—Plans 30 blocks "White Way" lighting system. $30,000. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.

Bids Desired

Retaining Wall—Marblehead, Mass.—Aug. 24, by Town, R. Tute, clk. of Bd. concrete retaining wall.

Underground Electric Cable—Phila., Pa.—Aug. 23, by Dept. City Transit, underground electric cable system between City Hall and Fern Rock Terminal Yard, Contr. 156, for Broad Street Subway.

Wharf Extensions—Lake Charles, La.—Sept. 13, by City, extending 734 ft. concrete wharf. $300,000. E. Shutts, Lake Charles, engr.

Swimming Pool — Columbus, O. — See "Buildings Commercial."

Subway and Approaches—Chicago, Ill.—Aug. 23, by Bd. South Park Comrs., 57th St. and Cottage Grove Ave., M. T. Connolly, secy., inner drive subway at Oakwood Blvd. and east approach to Oakwood Blvd. viaduct, incl. pile foundation, rein.-con., footings, abutments, retaining walls, sidewalks, balustrades, etc.

Oil Pipe Line—Cross Plains, Tex.—See "Contracts Awarded."

Contracts Awarded

Comfort Station—Bridgeport, Conn.—See "Sewers."

Subway—Phila., Pa.—Dept. City Transit, H. E. Ehlers, dir., 1211 Chestnut St., approximately 3,020 ft. subway in South Broad St., Contr. 109, to Heymen & Goodman Co., Inc., 880 8th Ave., New York City. $7,629,880. Noted June 16.

Swimming Pool—Lakewood (br. Cleveland), **O.**—Bd. Educ., C. W. Grill, clk., swimming pool, to J. Grant & Son, 3868 Carnegie Ave., Cleveland $22,737; and bath house, to F. H. Vogel, Ridge Rd., Cleveland $70,987. Noted July 14.

Overhead Crossing — Tennessee — State Dept. Highways & Pub. Wks. Nashville, rein.-con. overhead crossing over tracks Nashville, Chattanooga & Louisville R.R. on State Aid Project 339-D, Hamilton Co., to E. A. Wood & Co., Andrews, N. C., approximately $42,200.

Zoological Buildings—Riverside, Ill.—E. H. Clark, archt., 8 East Huron St., Chicago, general contract entrance group, power house and reptile house, here. to H. F. Friestdt & Co., 435 North Michigan Ave., Chicago; heating, to L. H. Prentice Co., 1048 West Van Buren St., Chicago; plumbing, to Murphy Plumbing Co., 1720 South Michigan Ave., Chicago; electrical work, to Freeman-Sweet Co., 9 West Illinois St., Chicago, and sewers and waterworks to T. H. Iglehart, 166 West Jackson Blvd., Chicago, for Chicago Zoological Society, 35 North Dearborn St., Chicago. Archts. est. $300,000.

Barge Terminal—St. Paul, Minn.—A. E. Eggert, city purch. agt., general contract barge terminal at Pigs Eye, and escalator gallery, truck-hauls and machinery, at Mississippi River Terminal, to Struchen & Romer, 655 Shubert Bldg., approximately $150,000 and $34,491 respectively; also equipment for latter project, to Link Belt Supply Co., Chicago, Ill., $13,916. Noted May 26.

Grain Terminal—St. Paul, Minn.—A. E. Eggert, city purch. agt., grain terminal, incl. sacked and loose wheat loading facilities; incline trestle type cradle and wharf barge, trackage, etc., on Mississippi River, near Chestnut St., to Ganley Bros. Co., 544 Endicott Bldg., $139,128. Noted July 7.

Subway — Springfield, Mo. — Main structure National Avenue Subway, 470 cu.yd. each earth and rock excav., 84,600 lb. reinforcing and 161,000 lb. structural steel, 440 ft. waterproofing, 1,170 ft. gas pipe railing, etc., to Pioneer Constr. C., 270 Glover Bldg., Kansas City $44,299. Noted July 28.

Oil Pipe Line — Cross Plains, Tex. — Prairie Pipe Line Co., Independence, Kan., will build 15 mi. 8 in. oil pipe line by own forces. $75,000.

Gas Distributing System—Dalhart, Tex.—A. D. Morton, Bartlesville, Okla., gas distributing system, mains, laterals, etc., here, to Hope Eng. & Supply Co., Tulsa, Okla., and Mt. Vernon, O., approximately $65,000.

Materials

Bids Desired

Conductor Cable—Phila., Pa.—Aug. 23, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 15 North 32nd St., West Phila. conductor cable, Contr. 101.

Sand Clay Gravel—Louisiana — Aug. 30, by State Hy. Comn., Baton Rouge, furnishing 40% sand clay gravel for surfacing Lake Providence-Oak Grove Hy. Federal Aid Project 170-B East Carroll Parish, N. W. Bowden, Raymond Bldg., Baton Rouge, highway engr.

Cast Iron Pipe—Stillwater, Okla.—City in market 37,751 ft. 4 in. Class "B" c.i. pipe in 16 ft. lengths. F. R. Hassler, mayor.

Contracts Awarded

Pipe—Milwaukee, Wis.—Central Bd. Purchases, J. W. Nicholson, ch. buyer, 1,200 ft. 8- to 16-ft. Class "C" pipe, and 47 tons special castings, etc., to U. S. Cast Iron & Fdry. Co., 122 South Michigan Blvd., Chicago, Ill. at $38.40 and $73 per ton respectively. Noted July 21.

See proposal advertising on page 138

Constr. News page 91

UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Sewerage System—New Jersey

Bids were opened by Passaic Valley Sewerage Commissioners, Newark, Apr. 19, for part of Sect. No. 4, Passaic Valley Sewerage Works, outfall sewerage works, additional sedimentation basins, from (A) Spinnello Construction Co., 493 Monroe St., Orange, (awarded contract); (B) J. L. Sigretto & Sons, Inc., New York City; (C) J. P. White Co., Passaic; (D) J. P. Porter & Sons, St. Catherines, Ont.; (E) J. Sutherland, Inc., Newark; Strange Construction Co., Phila., $892,250; Arthur McMullen Co., New York City, $1,046,600; O'Gara Construction Co., Newark, $1,055,390. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
Earth excavation and refilling for sedimentation basins, galleries, etc. (lump sum)	$199,455.00	$52,500.00	$90,000.00	$110,000.00	$115,600.00
50 cu.yd. rock excavation in open excavation	.01	1.50	1.00	3.00	10.00
28,000 cu.yd. concrete masonry with portland cement mortar 1:2:4	12.00	18.00	18.00	18.00	26.00
100 cu.yd. brick masonry with portland cement mortar	35.00	75.00	40.00	40.00	50.00
20 cu.yd. chipping, cutting, and removal of existing concr. and brick masonry	75.00	3.00	50.00	75.00	120.00
For handling and diverting existing sewage flow, etc. (lump sum)	3,000.00	1,000.00	5,000.00	5,000.00	9,800.00
1,200,000 lb. steel reinforcement, complete in place	.06	.07	.06	.04¾	.07¼
2,500 sq.yd. broken stone road surfacing	1.50	2.25	2.50	2.50	1.00
500 cu.yd. broken stone foundation cushion	5.00	6.00	5.00	5.00	5.00
Surface drains, vit. pipe, catch basins, etc., complete in place (lump sum)	1,530.00	200.00	500.00	1,000.00	1,200.00
Gallery piping, cast iron piping, water mains, air mains, etc. (lump sum)	42,000.00	47,000.00	49,937.00	44,500.00	71,000.00
Sluice gates, 40-18 ft. x 24 in., flange type, with wall castings, etc. (lump sum)	16,520.00	14,500.00	13,080.00	18,000.00	23,000.00
Electric wiring and lighting systems in basin galleries, etc. (lump sum)	2,200.00	3,120.00	4,000.00	3,500.00	4,580.00
Miscellaneous iron and steel, including cast iron influent piping, etc. (lump sum)	34,105.00	30,000.00	34,300.00	38,235.00	42,000.00
Timber stop planks, complete with bolts, washers, etc. (lump sum)	3,800.00	3,000.00	4,000.00	3,050.00	4,200.00
Scumboards; twenty sets complete with fittings, etc. (lump sum)	25,000.00	25,000.00	4,000.00	16,500.00	24,800.00
Totals	$746,861	$780,580	$794,617	$815,185	$1,124,080

Engineering News-Record, Issue of August 18, 1927.

Road—Wyoming

Bids were opened by State Highway Commission, Cheyenne, May 10, for constructing Federal Aid Project No. 193-A, 1.14 mi. of Route No. 30 N, Kemmerer Township, Lincoln Co., from (A) A. H. Read Co., Cheyenne, (awarded contract); (B) Wheelright Construction Co., Ogden, Utah; (C) Christensen, Jacobs & Gardner. The unit bids are as follows:

	A	B	C
7956.4 cu.yd. earth excav	$0.65	$1.17	$1.50
50 cu.yd. loose rock excav	.50	1.70	2.00
50 cu.yd. solid rock excav	3.00	2.25	3.00
1,100 cu.yd. gravel surfacing	1.25	2.65	3.00
1,086 lin.ft. 10 in. vitr. pipe culvert	.90	1.15	1.10
104 lin. ft. 24 in. vitr. pipe culvert	3.25	4.35	4.00
3,100 mi. overhaul of surface material	.15	.285	.30
5.08 Class B conc. endwalls	15.00	30.50	32.00
20774.8 sq.yd. conc. pavement	2.60	3.15	2.97
3348.4 lin.ft. curb and gutter	.95	1.25	1.40
489.2 lin.ft. conc. curb	.75	.725	1.00
25 catch basins	25.00	35.00	65.00
7.165 M. ft. b.m. timber headers	60.00	75.00	75.00
3,750 sq.ft. removing walks	.10	.06	.20
3,839 lin.ft. removing curb	.10	.14	.10
Totals	$68,004	$87,317	$88,362

Engineering News-Record, Issue of August 18, 1927.

Paving, Roadwork and Storm Sewers Runnemede, N. J.

Bids were opened by the Boro of Runnemede, July 1, for laying sidewalks, curbs and gutters, improving streets and laying storm sewers, from (A) Pangea Const. Co., Atco, (awarded contract); (B) Riverside Const. Co., Riverside; (C) McCarthy Const. Co., Runnemede. The unit bids are as follows:

	A	B	C
10,792 cu.yd. excav. (roadway)	$0.50	$0.50	$0.50
61,096 sq.ft. sidewalk (4 ft. x 4 in. 1:2:4)	.18	.18	.18
14,234 lin.ft. curb and 24 in. gutter (14x6 in.)	.83	.88	.95
897 lin.ft. curb and 36 in. gutter (14x6 in.)	1.03	1.08	1.10
326 sq.yd. reinforced conc. gutter (8 in.)	2.62	2.90	2.39
198 lin.ft. radius curb (16x6 in.)	.85	.88	1.10
30 drives (drop curb type) (includes 12 lin.ft. curb and gutter, 8x2½ ft. x 6 in. apron, 8x4 ft. x 6 in. walk)	25.00	20.00	20.00
6 No 2 open mouth city inlets	65.00	70.00	60.00
8 No. 3 open mouth city inlets	60.00	70.00	50.00
30 lin.ft. 15 in. C.I.P. in place	5.00	5.00	4.00
20 lin.ft. 8 in. T.C. storm sewer	.75	1.40	.50
10 lin.ft. 12 in. T.C. storm sewer	1.00	1.60	.60
612 lin.ft. 15 in. T.C. storm sewer	2.10	2.25	2.00
756 lin.ft. 18 in. T.C. storm sewer	2.50	2.40	2.30
62 lin.ft. 24 in. T.C. storm sewer	3.00	3.50	2.50
22 lin.ft. 6 in. tile drain	.50	.40	.25
10 trees, remove and dispose (Ave. 31.7 in. diameter)	0.00	27.00	10.00
3 stumps remove and dispose	5.00	10.00	10.00
77.5 lin.ft. stone retaining wall, remove (½ cu.yd. per ft.)	.50	.75	.25
325 lin.ft. wooden guard rail, remove and pile	.10	.15	.05
	$35,497	$36,695	$36,774

Engineering News-Record, Issue of August 18, 1927.

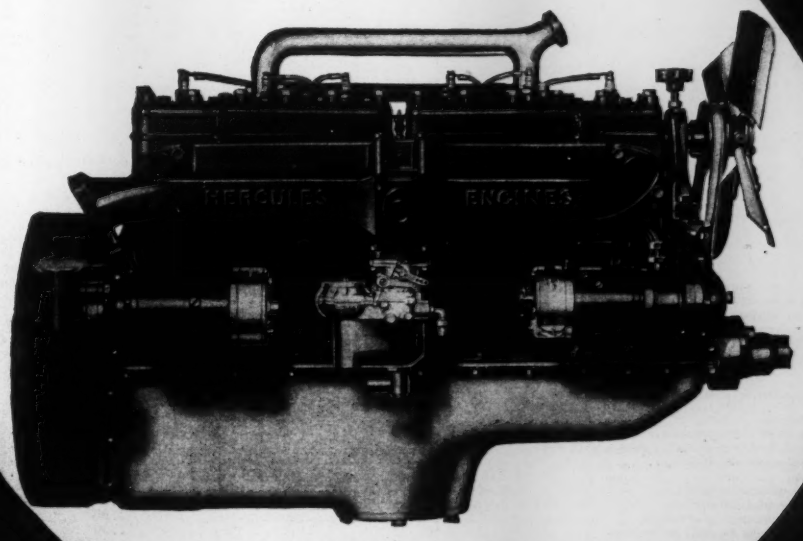
Constr. News page 92

UNIT PRICES ***continued on page 92a***

Hercules

Hercules Sixes embody the same characteristics of *simplicity, compactness*, and *dependability* through which our full line of engines, over a long period of years, have proven their *superiority* to thousands of power users throughout the world.

HERCULES MOTORS CORPORATION
CANTON, OHIO, U. S. A.



UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Bridge—Alton, Ill.

Bids were opened by Alton-St. Louis Bridge Co., c/o L. E. Anderson & Co., 711 St. Charles St., W. R. Compton Co., 704 Locust St. and Bitting & Co., 316 North 8th St., all St. Louis, Mo., Apr. 1, for constructing substructure for 3600 ft. bridge across Mississippi River at Alton, from (A) Kansas City Bridge Co., Orear-Leslie Bldg., Kansas City, Mo.; (awarded contract); (B) Union Bridge & Construction Co., Kansas City, Mo.; (C) Fruin-Colnon Contracting Co., St. Louis, Mo.; (D) Dravo Contracting Co., Pittsburgh, Pa.; superstructure, from (A) Wisconsin Bridge & Iron Co., 1116 Commerce Bldg., Kansas City, Mo., (awarded contract); (B) Mt. Vernon Bridge Co., Mt. Vernon, O.; (C) Kansas City Bridge Co.; (D) American Bridge Co., St. Louis. The unit bids are as follows:

SUBSTRUCTURE	A	B	C	D
3,500 cu.yd. pier shafts above bases	$21.00	$26.25	$30.00	$30.00
5,160 cu.yd. pier bases	30.00	34.00	33.50	34.50
24,300 lin.ft. timber piles in piers	1.10	.85	1.70	1.10
7,200 lin.ft. creosoted timber piles in approach footings	2.75	.95	1.40	1.50
850 cu.yd. abutment, retaining walls, pedestals, etc, in north approach	30.00	42.00	21.00	50.00
200,000 lb. all reinforcing steel in substructure	.06	.07	.055	.05
Fender complete at pier 7 (lump sum)	4,600.00	3,614.00	5,229.00	4,000.00
2,000 tons all riprap in place	3.20	4.50	5.00	3.50
220 cu.yd. sand fills between retaining walls and abutment	2.25	2.85	3.00	3.00
Totals	$323,550	$357,656	$373,849	$384,560
SUPERSTRUCTURE				
440,000 lb. silicon steel in thru truss spans	$0.0773	$0.0785	$0.0720	$0.0875
3,800,000 lb. carbon steel in thru truss spans	.0593	.0712	.0720	.0760
1,020,000 lb. structural steel in deck truss spans and towers	.0600	.0755	.0720	.0806
310,000 lb. structural steel in so. approach spans and towers	.0636	.0733	.0720	.0767
240,000 lb. structural steel in handrails	.0570	.0600	.0720	.0792
110,000 lb. castings	.1550	.1000	.1000	.1467
1910 cu.yd. concrete—machine finish	22.00	19.00	25.00	23.76
1,840 cu.yd. concrete—asphaltic surface	19.75*	20.00*	24.00*	22.15*
7,300 sq.yd. asphaltic concrete pavement	1.90*	2.25*	2.00*	1.95*
7,300 sq yd. Kentucky rock asphalt pavement	1.40*	2.05*	1.50*	1.85*
380,000 lb. all reinforcing in superstructure	.0450	.0425	.0550	.0500
Gunite encasement (lump sum)	6,500.00	3,200.00	1,725.00	4,320.00
Totals	$436,618	$485,873	$499,695	$537,136

*Alternate items omitted.

Engineering News-Record, Issue of August 18, 1927.

Bridge—Missouri

Bids were opened by Alton-St. Louis Bridge Co., c/o L. E. Anderson & Co., 711 St. Charles St., W. R. Compton Co., 704 Locust St., and Bitting & Co., 316 North 8th St., all St. Louis, Mo., Apr. 1, for constructing substructure for 2,000 ft. bridge across Missouri River at Ft. Bellefontaine, from (A) Kansas City Bridge Co., Orear-Leslie Bldg., Kansas City, (awarded contract); (B) Union Bridge & Construction Co., Kansas City; (C) Fruin-Colnon Construction Co., St. Louis; (D) Dravo Contracting Co., Pittsburgh; superstructure, from (A) Kansas City Bridge Co., (awarded contract); (B) Wisconsin Bridge & Iron Co., Kansas City; (C) Mt. Vernon Bridge Co., Mt. Vernon, O.; (D) American Bridge Co., St. Louis. The unit bids are as follows:

SUBSTRUCTURE	A	B	C	D
290 cu.yd. pier 1 and south abutment	$27.00	$30.00	$38.00	$40.00
1950 cu.yd shafts of piers 2 to 5 above bases	26.00	30.50	33.40	32.00
3,100 cu.yd. base of piers 2 to 5	38.00	40.00	35.50	44.00
190 cu.yd north approach pedestals and buried pier	30.00	30.00	40.00	35.00
14,400 lin.ft. timber piles in piers 2 to 5	1.50	.92	1.95	1.50
2,200 lin.ft. creosoted timber piles in approach footings	2.75	1.02	1.60	2.00
52,000 lb. all reinforcing steel in substructure	.06	.078	.06	.08
1,000 ton all riprap in place	4.00	4.00	5.00	4.00
Totals	$216,800	$221,423	$233,520	$251,210
SUPERSTRUCTURE				
1,750,000 lb. silicon steel	$0.0770	$0.0810	$0.0804	$0.0825
2,000,000 lb. carbon steel—truss spans	.0770	.0630	.0732	.0738
230,000 lb. structural steel—approach spans and towers	.0770	.0715	.0773	.0753
140,000 lb. structural steel handrails	.0770	.0640	.0600	.0774
90,000 lb. castings	.1000	.1420	.1000	.1329
910 cu.yd. concrete—machine finish	26.00	20.00	21.50	23.76
870 cu.yd concrete—asphaltic surface	26.00*	18.00*	22.50*	22.15*
4,100 sq.yd. asphaltic concrete pavement	2.00*	1.90*	2.25*	1.95*
4,100 sq.yd. Kentucky rock asphalt pavement	1.50*	1.40*	2.05*	1.85*
190,000 lb. all reinforcing steel in superstructure	.0550	.0450	.0425	.05
Totals	$360,350	$332,685	$349,919	$363,213

*Alternate items omitted.

Engineering News-Record, Issue of August 18, 1927.

Constr. News page 92a